

MONMOUTH COLLEGE

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CONTENTS

| | |
|-----|-------------------------------------|
| 5 | MONMOUTH |
| 7 | The College Today |
| 7 | 117 Years |
| 8 | Life of the Monmouth Student |
| 15 | The Campus |
| 21 | ACADEMICS |
| 22 | Requirements for Graduation |
| 24 | Special Study Programs |
| 29 | Pre-Professional Programs |
| 32 | Suggested Curricula |
| 43 | Courses of Instruction |
| 106 | Academic Regulations |
| 111 | PICTORIAL |
| 121 | ADMISSION |
| 122 | Admission |
| 126 | Costs |
| 129 | Financial Aid |
| 141 | DIRECTORIES |
| 142 | The Senate |
| 144 | The Faculty |
| 151 | Administration and Student Services |
| 152 | Student Association Officers |
| 153 | Alumni Association |
| 154 | Parent Association |
| 157 | INDEX |
| 162 | College Calendar, 1970-71 |
| 163 | Monmouth . . . at a glance |

A few years ago, the faculty at Monmouth College adopted the following statement of purpose. This statement expresses well the goals to which this institution is committed:



"Monmouth College, as a liberal arts college, proposes to provide basic knowledge and inspiration to assist young men and women in gaining an understanding of the world in which they live.

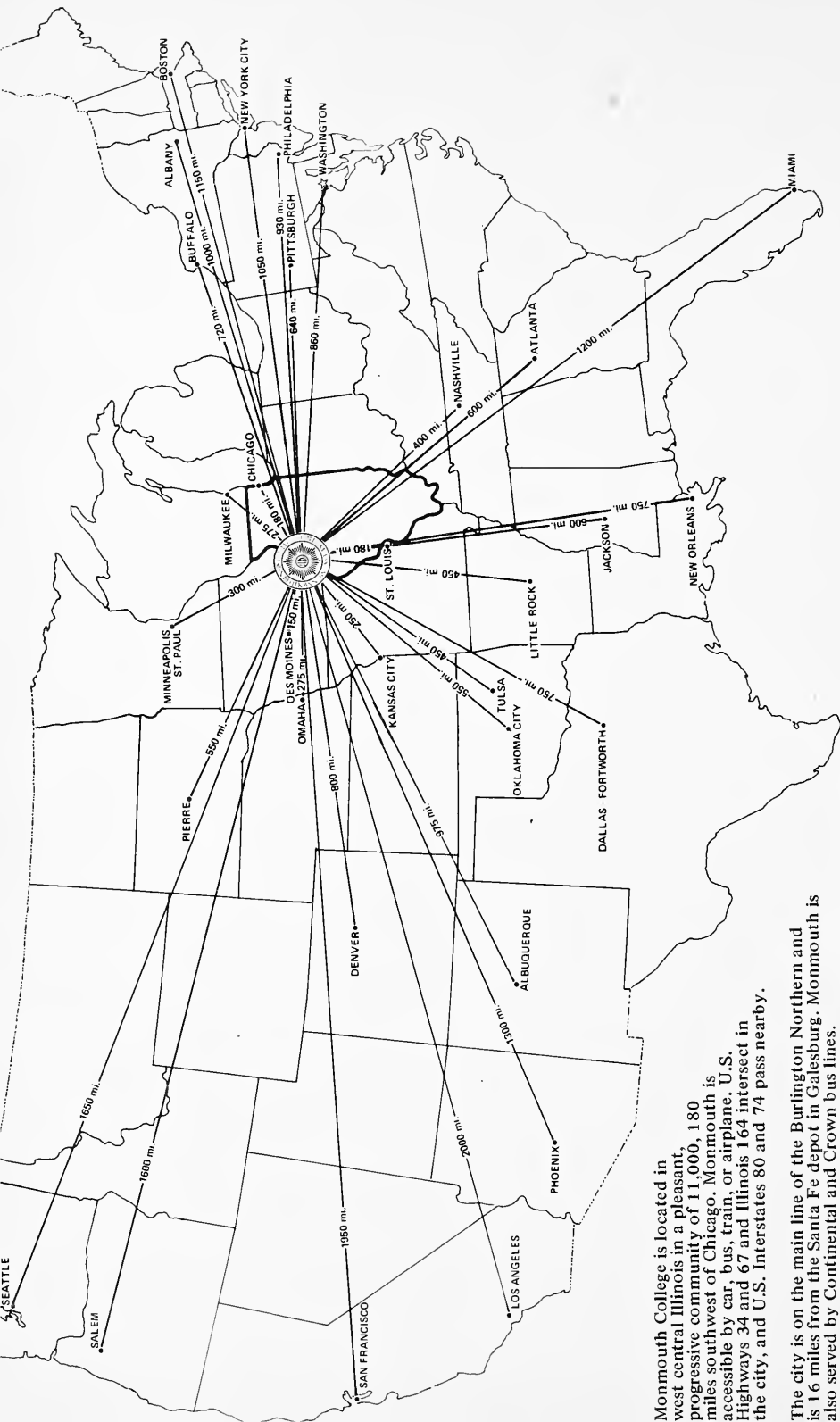
The curriculum is designed to provide a broad understanding of the physical world, of human society, the arts and the world of ideas; to provide an atmosphere in which the student is encouraged to develop initiative, responsibility, intellectual inquiry and self-confidence, a sense of value, creativity and a desire to continue a lifelong quest for knowledge; to provide the students with a foundation for entry into the world of industry and commerce, the various professions, or graduate study.

The concern of Monmouth College is with the individual student: his mind, his aspirations, and his ideals. Within an intellectual and cultural environment in which Christian ideals are affirmed, the college aims to train highly effective young men and women who will in turn render a service to society."

MONMOUTHIANA



Monmouth



Monmouth College is located in west central Illinois in a pleasant, progressive community of 11,000, 180 miles southwest of Chicago. Monmouth is accessible by car, bus, train, or airplane. U.S. Highways 34 and 67 and Illinois 164 intersect in the city, and U.S. Interstates 80 and 74 pass nearby.

The city is on the main line of the Burlington Northern and is 16 miles from the Santa Fe depot in Galesburg. Monmouth is also served by Continental and Crown bus lines.

Ozark Airlines operates from the Galesburg airport 10 miles from the campus, and both Ozark and United Airlines serve the Quad-Cities airport at Moline, 40 miles north of Monmouth. Monmouth's own airport serves private planes.

THE COLLEGE TODAY

The 1,300 students enrolled at Monmouth College are actively involved in an exciting educational experience that is acutely relevant to a world and society of which they are an integral part. Course work is structured so that the learning experience will make a genuine personal difference in the life of each student so that the student in turn will have a positive and constructive influence on the society in which he lives.

The key to the success of Monmouth College is its faculty which has as a primary goal the teaching of young people in an environment where students and teachers are closely identified.

Monmouth ranks today as one of the nation's leading liberal arts colleges. In *Doctorate Recipients from United States Universities, 1958-1966*, Monmouth was ranked among the top 28 liberal arts colleges in the nation in the number of graduates who received the Ph.D. degree from 1920 to 1966. The College is among the top nine liberal arts colleges in the nation in the number of graduates who received the Ph.D. degree in chemistry from 1920 to 1966.

For the past several years approximately one-third of Monmouth College's graduates have enrolled in full-time graduate programs and another one-third have accepted teaching positions. Monmouth graduates are now pursuing graduate work in some 75 graduate and professional schools.

117 YEARS

Monmouth College was founded in 1853 by a group of citizens of the city of Monmouth. The College has perpetuated the pioneering spirit of optimism and vigor. It was one of the first colleges in the nation to admit women on an equal basis with men, and one of the first in the Midwest to be accredited for the preparation of chemists by the American Chemical Society. Monmouth was a founding member of the Associated Colleges of the Midwest, a consortium of 12 outstanding liberal arts colleges* in Colorado, Iowa, Illinois, Minnesota, and Wisconsin. These independent colleges similar in size, organization, and purpose work together today in various undertakings to increase their educational effectiveness.

From 1853 to 1856 the school functioned as a preparatory school, but later that year the state legislature granted it a collegiate charter. The first president of Monmouth College was David A. Wallace, elected in 1856. While he was president, in 1867, the nation's first national sorority, Pi Beta Phi, was founded at the College. Three years later, Kappa Kappa Gamma was founded by Monmouth College coeds.

Wallace resigned in 1878 and was succeeded by Jackson Burgess McMichael. Under his administration new departments were added, classrooms and laboratories were better equipped, and the size of the faculty was increased.

*Beloit College, Carleton College, Coe College, Colorado College, Cornell College, Grinnell College, Knox College, Lawrence University, Macalester College, Monmouth College, Ripon College, St. Olaf College.

Reverend Samuel Ross Lyons took the president's gavel in 1898 and then in 1903, as Monmouth College was beginning its second fifty years in the field of higher education, Thomas Hanna McMichael, the son of the second president, became the fourth president. McMichael served as president of Monmouth College for 33 years.

Dr. James Harper Grier, pastor of the Second United Presbyterian Church in Monmouth, was chosen to succeed McMichael in 1936.

Grier remained president until 1952 when Dr. Robert W. Gibson assumed the leadership of the College. During the Gibson years the Student Center and Graham Hall were constructed.

After Gibson's retirement in 1964, Dr. Duncan Wimpres was inaugurated. The pace of progress during the last six years has been impressive. Three new dormitories and an imaginative fraternity complex have been added to the physical plant, and the new Science Center and Library stand as monuments "along the path to Monmouth's greatness." Dr. Wimpres resigned in June, 1970, to become president of Trinity University.

Dr. Richard D. Stine assumed the presidency of Monmouth College on September 1, 1970. Prior to coming to Monmouth, he was associated with the educational consulting firm of Heald, Hobson and Associates, Incorporated in New York. He served the University of Pennsylvania, his alma mater, for 12 years in the areas of development and public relations.

Monmouth College continues to seek new ways to challenge its students. The adoption of the three-term, three-course curriculum adds new dimension to the traditional liberal arts experience in an untraditional way. Under the three-three program the academic year is divided into three 11-week terms. The Satisfactory-Unsatisfactory grading option allows a student to explore courses without fear of adverse effect on his grade-point average. Special programs bring the world to the campus through opportunities in a variety of fields of study conducted in places such as Costa Rica, Japan, Washington, D.C., Chicago, the Quetico-Superior National Wilderness Field Station, and the Argonne National Laboratory.

THE MONMOUTH STUDENT

There is opportunity at Monmouth College for each student to actively involve himself in a wide range of worthwhile endeavors.

Students at Monmouth lend their executive talents to a number of joint faculty-student-administrative committees including the important Student Life Committee, which has the responsibility for continuing examination of the College's social policies; the Student Judicial Board, which has the responsibility of the administration of discipline; the Communications Board, which manages the finances and selection of media coordinators for the campus radio station, WFS, the student newspaper, the *Oracle*; the College annual, the *Ravelings*; and other student publications including the *Piper*, *Scot's Guide*, and *Zoo Book*. In addition, Monmouth College students are represented on faculty committees including the Curriculum Committee



which helps plan the academic program of the College. Students have the opportunity to attend regular faculty meetings and the officers of the Student Association participate in the meetings of the Monmouth College Senate, the governing board of the College. The Monmouth College Planning Council, formulated to create an overall plan for the development of the College during the next ten years includes students, parents, faculty, members of the administration, and members of the Senate.

The Student Association of Monmouth College recently instituted a program of financial management which allocates funds to various student organizations including the Student Center Board, the Student Convocations Committee and the Communications Board. These funds are totally controlled by the Student Association.

Under the auspices of the Student Association's Student Convocation Committee, guest lecturers invited to the campus during 1969-70 included: F. Lee Bailey, one of the nation's most well-known criminal lawyers; Dr. Sidney Cohen, noted psychiatrist and director of the Division of Narcotic Addiction and Drug Abuse at the National Institute of Drugs in Bethesda, Maryland; James Germano, ex-addict, Executive Director of Marathon House, Inc.; Daniel Chapman Nyaho, distinguished African Educator and a Danforth Visiting Lecturer; Robert Scheer, Vice President of *Ramparts* magazine and spokesman for the "New Left"; Paul Simon, Lieutenant Governor of the State of Illinois, who was co-sponsored by the Student Association and the Student's Politics Club; Leonard Weinglass, junior defense attorney for the Chicago "7" trial; Robert Welch, founder and president of the John Birch Society; and Strom Thurmond, Republican Senator from South Carolina. Already scheduled for campus appearances in 1970-71 are the Honorable Abe Fortas, former Supreme Court Justice and Joseph Heller, author of *Catch 22*.

Monmouth College students assist in the work of the Warren Achievement School for the Handicapped as teachers' aids, helping teach basic physical and mental skills. The program of the Jamieson Center, a local neighborhood youth assistance center, would be severely limited without the thousands of volunteer hours of service provided by Monmouth College students.

During Christmas vacation each year a group of student and faculty members spend a week in an urban area studying firsthand the problems of inner city environment. During 1970-71 under the sponsorship of the Reverend Paul McClanahan, Chaplain of Monmouth College, groups will travel to two different areas to study the problems of the Spanish-American in urban and rural American environments.

The Student Center provides a focal point for student life on the Monmouth College campus. Offered at the Student Center are social and cultural programs, planned and budgeted by the Student Center Board of Directors. Physical facilities in the Student Center may be used in activities ranging from bowling and billiards to music.

The Alpha chapters of the nation's first two sororities, Pi Beta Phi and Kappa Kappa Gamma, are maintained on campus. The sororities at Monmouth College are Alpha Xi Delta, Kappa Delta, Kappa Kappa Gamma and Pi Beta Phi; the fraternities are Alpha Tau Omega, Tau Kappa Epsilon, Theta Chi, Sigma Alpha Epsilon, Sigma Phi Epsilon, and Zeta Beta Tau.

Religious Life

Throughout its history, Monmouth College has retained an affiliation with the church of its founders, today the United Presbyterian Church, U.S.A. Many demoninations are represented among the students and faculty and the College Chaplain encourages students to associate with a local church of their choice while at Monmouth.

In accepting the responsibility of challenging each student to explore the spiritual dimensions of life, the College actively supports college-community cooperation in ecumenical programs to attract religious leaders of many faiths to the campus and community. Furthermore, the College encourages local clergy to design spiritual programs which are contemporary and meaningful to today's student.

No attempt is made to intrude on or change a student's religious or spiritual beliefs. However, the College and the Chaplain provide opportunities for students to be exposed voluntarily to leading interpreters of religious thought through seminars, lectures, and personal counseling.

Athletics

Monmouth is a member of the Midwest Intercollegiate Athletic Conference which maintains competition at the varsity and freshmen level between 10 of the institutions in the Associated Colleges of the Midwest. Monmouth's "Fighting Scots" battle in nine varsity sports: football, cross country, basketball, swimming, wrestling, baseball, track, golf, and tennis. In addition, soccer competition with several colleges and universities is experiencing a rapid growth.

Freshmen are eligible to compete in all varsity sports except football and basketball. Monmouth, with a proud record of support for its athletic teams, has an equally fine record of participation in intramural events. Male students, representing dorms, fraternities, and independents, are organized into 12 teams competing for an intramural athletic trophy. Individual and team competition is held in 19 events, including the decathlon, golf, tennis, volleyball, cross country, table tennis, swimming, wrestling, billiards, basketball, bowling, handball, track, badminton, softball, and archery.

The Women's Recreational Association sponsors competition in basketball, softball and volleyball with other Illinois universities and colleges. Intramural competition among sororities and dorms in archery, basketball, volleyball, softball, bowling and tennis provides a wide range of co-ed sports participation.

Student Organizations

Cahper Club

Cahper is the College Association of Health, Physical Education and Recreation. The purpose of this organization is to benefit all Physical Education majors and minors with professional interest in the field of physical education.

"M" Club

The varsity letter winners of Monmouth College join together in the "M" Club in order to promote team work and sportsmanship in all athletic events.

Outing Club

The Outing Club provides outdoor recreational activities for students, faculty, staff, and interested people in the community.

Pep Club

The Pep Club is an organization which acts as a general booster for Monmouth College. The members perform general services for the College and lend their support at all home athletic events. Freshmen women are encouraged to join.

Soccer Club

Soccer enthusiasts and those interested in learning soccer are encouraged to participate in this exciting sport. The club competes regularly against Knox and other colleges in the midwest.

Women's Recreational Association

The WRA is open to all women and offers a varied program in both individual and team sports. WRA's program includes Dolphins, Orchesis, and women's intramurals.

Dolphin Club

The Dolphin Club is an organization for women who have a special interest in aquatics. To obtain membership one must pass the Dolphin requirements. The club presents a bi-annual water show in the fall and spring.

Orchesis

Orchesis is the national organization on campus for those interested in modern dance. The major activities include a fall dance symposium with a guest artist, a winter dance production, and a combined water and dance program in the spring.

Departmental Clubs

Departmental clubs are organized for the benefit of students with interests in particular fields of study. The American Chemical Society, and the Clio (History), French, German, Spanish, Psychology, and Sociology Clubs are open to all students.

Crimson Masque

Crimson Masque is the College dramatic society. Three full-length plays plus experimental one-acts are produced under its auspices each year. Membership is open to any interested student and no previous dramatic experience is necessary.

Collegium Musicum

The Collegium Musicum is an organization consisting of instrumentalists and vocalists dedicated to the performance of old or seldom played music. This ensemble has gained notice for the reintroduction of older instruments such as the recorder and harpsichord.

Monmouth College Highlanders

In keeping with Monmouth College's Scottish tradition, a bagpipe band was created in 1956. The band, with its complement of Highland Dancers, performs at school and off-campus activities. New members—pipers, drummers, dancers—are welcome at any time.

Black Action and Affairs Council

The BAAC promotes a desire for higher academic achievement, a better social acceptance within the College, and good fellowship within its membership. Membership is open to any person affiliated with Monmouth College, with an understanding of an effective black brotherhood, sharing mutual black interests, and a desire for black unity.

International Club

Membership is open to all interested in participating in programs that further the causes of better international relations.

Politics Club

The Politics Club is open to anyone with an interest in government or related fields. A variety of campus seminars have been planned for the 1970-71 academic year involving a number of state and local government officials.

Student Wives

The Monmouth College Student Wives Club is composed of student wives and students' wives.

Unaffiliated Women's Association

The Unaffiliated Women's Association seeks to promote scholarship, intramural sports, representation in student government, and fellowship among unaffiliated women.

Honorary Organizations

Sigma Omicron Mu

Sigma Omicron Mu is the upperclass honorary scholastic fraternity on campus. To be eligible for membership, one must have completed 24 term courses, 12 of which must have been taken at Monmouth or on a Monmouth-sponsored program, with a grade-point equivalent to an (A) in 19 courses and a (C) in the other five.

Alpha Lambda Delta

This is the national honorary scholastic fraternity for outstanding freshmen women. To gain membership, a freshman woman must earn a 3.5 average during the first term, or a cumulative 3.5 average at the end of second or third terms.

Phi Eta Mu

This is the freshmen men's honorary scholastic fraternity. Any freshman man is eligible who has attained a 3.5 grade-point average at the end of his first term, or a 3.5 cumulative grade-point average at the end of second or third terms.

Tau Pi

Tau Pi is an honorary senior women's society. Qualifications include leadership, service, and scholarship (.3 higher than the average of all junior women students). Election is held in the third term of the junior year.

Beta Beta Beta

This is the national honorary biology fraternity. Membership is open to those students who meet the necessary grade and course requirements.

Eta Sigma Phi

Eta Sigma Phi is the international college classics honorary fraternity. Membership is open to those undergraduates who have maintained a 3.0 grade average in college Latin or Greek.

National Collegiate Players

Membership in the Monmouth College chapter of National Collegiate Players is open to juniors and seniors who have outstanding records of dramatic participation and meet the national requirements.

Phi Alpha Theta

This is the international honorary history fraternity on campus. Beta Phi chapter promotes the diligent study and evaluation of history. Membership is open to upperclassmen who meet its high scholastic requirements.

Pi Kappa Delta

Pi Kappa Delta is a national honorary forensic fraternity, whose purpose is to stimulate progress in and to further the interests of intercollegiate speech activities and communication.

Sigma Delta Pi

Sigma Delta Pi is the national Spanish fraternity whose purpose is to further knowledge and interest in Hispanic culture. Membership requires the completion of a 300 course in Spanish at Monmouth, with a minimum grade average of B in all Spanish courses. In addition, the over-all average must be at least 2.6.

Sigma Tau Delta

Sigma Tau Delta is a national English fraternity which fosters creative writing and appreciation of good literature.

Pi Gamma Mu

The national social science honor society Pi Gamma Mu grants the privilege of membership to those who have shown unusual interest and aptitude in the study of the social sciences.

Blue Key

Blue Key is the honor fraternity for junior and senior men of outstanding character and ability who have won campus distinction for service, leadership, and scholarship.

Tomahawk

The Monmouth Sioux chapter of Tomahawk, a national service and scholastic honorary for unaffiliated students, promotes social and service activities among the campus and community.

Student Services

The advising and counseling of each student is primarily in the hands of his faculty adviser, assisted by the three personnel deans, the Chaplain, the College Counselor, and a clinical psychologist. Student counselors in the residence halls also are helpful.

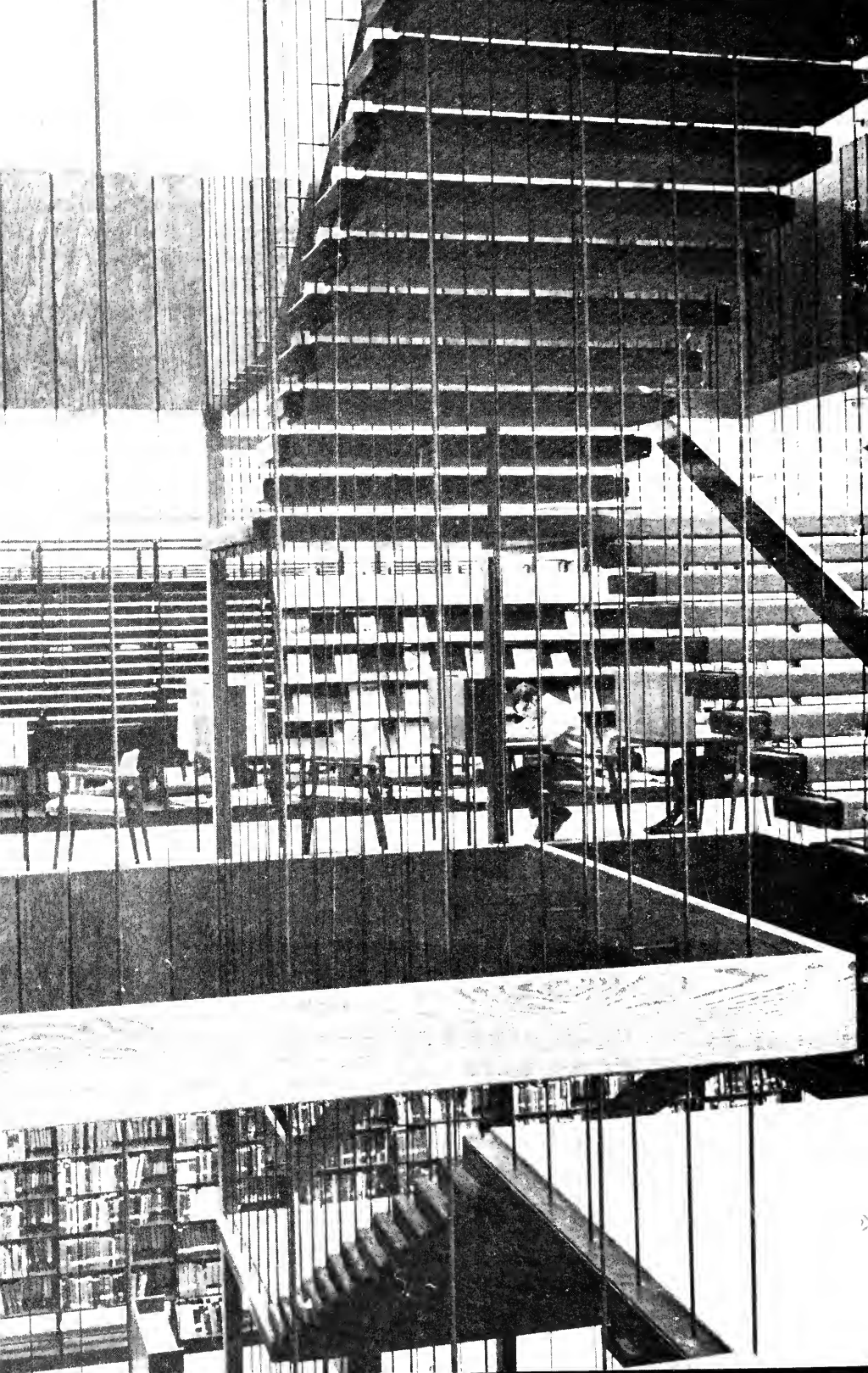
A summer orientation program is held for parents of new students. For the students themselves, advice and useful information is provided at the orientation program immediately before the start of classes each fall.

Both students and alumni are assisted in obtaining employment through the Office of Student Aid and Placement. Vocational counseling is offered by the Director as well as by the Dean of Students. A career library is maintained by the College Placement Bureau, and campus interviews are arranged with company personnel recruiters. Scholarships, grants, financial aid and student loans are administered by the Director of Student Aid and Placement.

The Health Service provides a well-equipped infirmary and liaison with the new Monmouth Community Memorial Hospital. Physicians and nurses staff the service and are available for treatment of minor illnesses as well as emergencies. Important to the health service program is the student insurance plan which provides year-round protection on and off campus.

THE CAMPUS

The Monmouth College physical plant is continually being expanded and improved; the Science Center and Library are the most recent additions to the Monmouth campus building program. Three new residence halls and the three-fraternity complex have been completed since 1965. Graceful resi-



dences surround the campus, which is only a ten minute walk from the local theater, shopping district, and public library. Monmouth's campus is conveniently arranged so the student can walk to any other campus building within a few minutes.

Academic Buildings

For over sixty years students at Monmouth College have prepared for the demands of modern society in *Wallace Hall*, the main academic building on the campus. It contains classrooms, faculty offices, faculty and student lounges, a language laboratory, and study carrels.

The new *Library*, completed in 1970, has space for over 300,000 volumes. It is fully carpeted and air-conditioned and contains seminar areas, study carrels, study rooms for individual faculty members, and features a reading terrace for outdoor study during warm weather. Approximately 10,000 volumes are selected each year by faculty members and the Library's staff to provide for new courses, to make recently published works of importance available, and to enrich the collection which now includes some 120,000 bound volumes. More than 800 American and foreign periodicals are currently received, and the Library is a selected depository for government documents. Other materials include phonograph records, microfilm and pamphlets.

The Library, open 94 hours a week, participates in co-operative programs with Knox College in Galesburg and the Warren County Public Library in Monmouth making an additional 190,000 volumes available to Monmouth students without charge. The Library is linked by teletype with other ACM libraries and with a central periodical bank in Chicago. Photocopies of articles from over 1,500 periodicals can usually be obtained within 48 hours.

The new *Science Center*, completed in the fall of 1970, contains lecture rooms, laboratories for biology, chemistry, geology, and physics, faculty offices and a science library room. The building is air-conditioned and is constructed with laboratories and lecture rooms radiating from the central utility core.

J.B. McMichael Hall, which has served as the science center since 1909, will be renovated to provide classrooms, laboratories, and offices for the departments of psychology, sociology, education, and mathematics.

The former library, now *Carnegie Hall*, has been converted to include offices for faculty, student personnel deans, and the student newspaper, the *Oracle*. The bookstore has been moved into larger quarters in Carnegie and additional classroom space is also available.

The *College Auditorium* on the southwest corner of the campus is used for all major lectures, music, and religious events. *Austin Hall*, home of the music department, contains practice rooms, classrooms, record and music library, and faculty offices. Located on the east side of the campus is the *Art Center*, with library, foundry, gallery, painting, drawing and printing-making studios. College theatrical productions are held in the *Little Theatre*.

In the summer of 1969 the Biology Department of Monmouth College established an *Ecological Field Station* on certain backwaters of the

Mississippi River near Keithsburg, Illinois. The location of this site is just 30 minutes from the campus which makes it convenient for teaching purposes. This classroom-laboratory in the field has strengthened the ecological aspect of the academic program. It is also used for other biology courses, independent study and for student-faculty summer research projects. The Ecological Field Station is a cooperative project involving the National Science Foundation, the U.S. Corps of Engineers and Monmouth College.

Residence Halls

Each dormitory on the Monmouth campus has its own distinct personality. The Georgian tradition of *Grier Hall* is of special beauty. The dormitory is fully carpeted; it has elegant living rooms enjoyed by Monmouth women for the last two decades.

McMichael Hall has been a favorite of Monmouth College coeds since 1915. It is the oldest dormitory on campus and its spacious rooms, high ceilings, and ample closets give its special charm.

Women students returned to the campus in the fall of 1966 to find *John Scott and Eva Cleland Hall*, a revolutionary concept in dormitory living based on a cluster-unit plan, featuring lounges and bath facilities for each separate living section. *Jean Esther Liedman Hall*, finished in the fall of 1968, continued the cluster-unit concept. Liedman Hall, also fully carpeted, has a bi-level lounge adjoining its two wings.

The *Fraternity Complex*, opened in 1966, houses three of the five national fraternities on campus.

Winbigler Hall for men is of Georgian design and features full carpeting and large living rooms.

Fulton Hall for men was occupied for the first time in September, 1951. It provides single and double rooms, as well as quad-suites, for 120 male students. Nine years after the opening of Fulton, *Graham Hall* was constructed for use by 110 freshmen and upperclassmen students. *Gibson Hall*, first used in the fall of 1965, upset the status quo of residence hall construction. This attractive men's dormitory features rooms with private outside entrances, disregarding the old corridor style.

Athletic Facilities

The *Gymnasium*, completed in 1925, is the central building for Monmouth's diversified athletic and physical education program. The Gymnasium includes a basketball court, the *Waid* swimming pool, handball court, faculty offices, and exercise room with a universal gym. Dressing rooms and training rooms for the football and wrestling teams are located on the east side of the campus. Near the gymnasium is the four-acre athletic field with facilities for football, archery, tennis, and intramural sports.

Quinby House

Quinby House, the home of the Ivory Quinby family for three generations, is now the official residence of the College President. The stately two-story structure, given to the College in the summer of 1965, stands as a monument

to the College's pioneering past. The Quinby family was represented on the College Senate almost continuously from 1853, the date of the College's founding, until 1968.

Student Center

The *Student Center* is a popular gathering place with its dining room, snack bar, game room, and student radio station.

More than 80 students serve on the committees which operate the Center, including members of the Monmouth Student Center Board of Directors.



ACADEMICS

Monmouth College uses its resources to develop and maintain an undergraduate academic program of the highest possible quality. The faculty, more than half of whose members hold the Ph.D. degree, is a teaching faculty with the primary goal of helping students to learn. The size of Monmouth College, with a student-faculty ratio of 16 students to each faculty member, permits ease of dialogue between teacher and student. Most classes range from 15 to 25 students in size, but advanced seminars are often much smaller.

The three-term, three-course curriculum, adopted in the fall of 1962, has given depth to the educational goals of Monmouth College. The three-three program divides the academic year into three 11-week terms rather than traditional two 16-week semesters. Terms end at the natural dividing points of Christmas and the months of March (spring vacation) and June. A student normally takes only three courses per term. Thirty-six term courses are required for graduation. Under this program, seminars, independent study, and other individualized courses are emphasized. It is possible, by attending the Monmouth College summer sessions, to complete requirements for graduation in three years.

REQUIREMENTS FOR GRADUATION

Monmouth offers the Bachelor of Arts degree. Requirements are designed to encourage each student to explore the major areas of the liberal arts and to examine intensively his field of interest.

A student qualifies for the A.B. degree by earning a grade-point average of 2.0 (C) or better in a total of 36 term courses and by taking the specified distribution requirement courses. Each student must select either a departmental, divisional, or topical major and must earn a grade of C or better in each course counted toward this major. The last nine courses must be taken at Monmouth College.

Distribution Requirements

Distribution requirements help a student acquire a broad liberal arts education and discover his aptitudes and interests. Through these requirements, usually fulfilled during the first two years, the student is introduced to the many areas of human knowledge and to the methods of scholarly investigation. A student may satisfy any of the distribution requirements by passing an examination covering the work in the required courses.

NATURAL SCIENCES AND MATHEMATICS: Three Term Courses

Biology, Chemistry, Geology, Physics or Mathematics: three term courses from two departments, including a two term lab sequence.

SOCIAL SCIENCES: Two Term Courses

Economics, Government, Psychology, Sociology: two term courses in separate departments.

HUMANITIES: Four Term Courses

History, Literature (including foreign language at 300 level), Philosophy, Bible and Religion, Classical Civilization 211 or 221: four term courses from at least three departments.

FINE ARTS: One Term Course

Art, Music or Theater Arts.

FOREIGN LANGUAGE: One Term Course Beyond 102 or Proficiency.

(French, German, or Spanish 201; Japanese 103, Latin or Greek at 200 or 300 level).

ENGLISH COMPOSITION: English 101 or Proficiency**SPEECH: One Term Course or Proficiency****PHYSICAL EDUCATION: Three Terms**

These courses are to be completed during the first year of residency unless excused by the Director of the College Health Service for medical reasons.

Departmental Major

A departmental major consists of a minimum of eight term courses in one department. A department may require of its majors a comprehensive examination, a senior thesis, or other work, including the graduate record examination.

Divisional Major

A divisional major consists of a minimum of 12 term courses in one division (at least six of which must be at the 300 or 400 level). The program for the divisional major must be approved by co-advisers from two departments within the division.

Topical Major

A topical major consists of a minimum of 12 term courses (at least six of which must be at the 300 or 400 level) chosen from two or more departments as a group of studies linked together by a special theme or field of interest. The program for the topical major must be approved by the Curriculum Committee and will be under the direction of an adviser appointed by the committee.

Seminars and Individual Study

Most departments require each student, during the junior or senior year, to investigate a topic on an individualized basis. This can be either individual work under faculty supervision or off-campus and foreign study of an independent or semi-independent nature. Each academic department has a seminar program at the upperclass level.

SPECIAL STUDY PROGRAMS

Monmouth College offers special study programs in a variety of academic fields. Most of these programs carry full academic credit and involve off-campus study in geographic areas ranging from Japan to the Quetico-Superior wilderness in Minnesota.

Arabic Studies*

Students interested in the history, culture, and contemporary events of Egypt and the Middle East study at the American University in Cairo for one or two semesters, taking courses designed to meet the needs of the Arabic Studies Program. In addition to formal course work, The Core Course in Modern Arabic Studies, History of the Middle East, Colloquial Arabic, and two electives, students participate in a continuing series of orientation meetings and field trips.

Argonne Semester*

In cooperation with the Argonne National Laboratory, students and faculty study and do research in the fields of biology, chemistry, and physics at the Argonne National Laboratory. Amid campus-like surroundings 25 miles southwest of Chicago, students serve as paid research assistants, conduct original research, and participate in seminars in their major fields and in an inter-disciplinary seminar directed by ACM faculty members. The length of the program is six months, and junior or senior status is a prerequisite for admission.

Central American Field Studies*

The Central American Field Studies program is designed to acquaint faculty and students with the Costa Rican people and the culture of their predominately rural, tropical society. Research projects are carried out in the social and biological sciences related to the land settlement program and problems of tropical food production. The length of the program is usually five and one-half months, and students are required to have completed two years of college work before admission.

Cuttington College*

New Monmouth College graduates have the opportunity to teach and assist in a small private west African (Liberian) coeducational liberal arts college in conjunction with the Cuttington College program. Cuttington students come from many African countries and many will play important roles in the development of their home nations. In addition to teaching, faculty and other graduate assistants frequently do research, advise, and carry on administrative duties. The length of the program is one year for faculty and two years for ACM graduates.

**Cooperative program of the Associated Colleges of the Midwest*



East Asian Studies

The Monmouth College Senate authorized the establishment of a distinctive East Asian studies program in the fall of 1963. This inter-disciplinary program is designed to enrich the entire curriculum and broaden the range of non-Western studies available to all students. It is of special value to students planning a career in business, foreign missions, or government services in East Asia.

The Boone Oriental Library and Fine Arts Collection, a substantial private collection, has been made available to the College by its owners, Commander and Mrs. G.E. Boone. The collection, designed for display and study, is located near the Monmouth campus and consists of several thousand volumes and about 1,000 art objects.

East Asian Studies Program in Japan*

Students spend the academic year studying in the International Division of Waseda University in Tokyo. In addition to the Japanese language, students may elect courses in Japanese or East Asian history, culture, and contemporary social and economic affairs. Students live with Japanese families.

Engineering, Three-Two Cooperative

Monmouth College is one of a group of well-known liberal arts colleges affiliated with New York University, Case-Western Reserve University, Illinois Institute of Technology, and the University of Illinois in a joint five-year program of engineering education. The plan calls for three years of liberal arts study at Monmouth followed by two years of engineering work at one of these institutions. On completion of the five-year program, the students will receive degrees both from Monmouth and the engineering school.

Experiment in International Living

Independent study in Europe is available under a program sponsored jointly by Monmouth College and the Experiment in International Living, a non-profit, non-sectarian organization which places students as guest members of families in foreign countries. Under this program, students may receive academic credit for independent study and travel by special arrangement.

Freshman Honors Program

Forty freshmen students from the list of Honors-at-Entrance Freshmen, carefully chosen by written essay and personal interview, are invited to participate in this program of interdisciplinary Freshman Honor Seminars. The honors group meets for two of the three terms. The participants register for Freshmen Honors Seminar 201 and 202 during the first two terms and are granted credit for one non-lab natural science course and one social science course. The English 101 course requirement is waived after successful completion of the first two courses.

**Ibid.*

Geology in the Rocky Mountains*

High school graduates who have been accepted for admission to Monmouth College are eligible to register for a summer program in introductory geology in a field setting which includes most of the mountainous and foothills region of Colorado and the canyon country of eastern Utah. Participants are housed at Colorado College in Colorado Springs, Colorado, and have use of the lecture and laboratory facilities of the Geology Department. At least three-quarters of the course is spent in the field.

High School Seniors' Honors Program

Now in its fifth year, a cooperative program with Monmouth High School enables a limited number of highly qualified high school seniors to take a course for college credit.

India Studies Program*

Following a preparatory study and orientation period at Carleton College, students travel to Deccan College in Poona, India, a cultural and educational center about 120 miles from Bombay. Here they continue their language instruction in the Marathi dialect, pursue an independent research project, and participate in a seminar designed to give historical perspective to many aspects of Indian culture, especially religion, politics, art, and music.

Junior Year Abroad

Monmouth College participates in a variety of programs offering foreign study during the junior year. The Junior Year Abroad program of the United Presbyterian Church provides study in any of a dozen countries around the world. Other programs with a variety of foreign study centers can be arranged through the faculty off-campus study committee and the Associate Dean of the College.

Newberry Library Seminar*

Each year outstanding university scholars, ACM faculty members, graduate students, and ACM undergraduates participate in seminars, discuss and carry out research at the Newberry Library in Chicago. The Library has exceptional resources in history and literature including the history of philosophy and music from the Middle Ages to the end of the 19th century. This program is 14 weeks in length; prerequisites for admission include a working background in history or literature and junior or senior status.

Reserve Officers Training Corps

In cooperation with Knox College and the United States Army, Monmouth College offers an opportunity for male students to participate in the Reserve Officers Training Corps program and qualify for a commission as a second lieutenant while earning a degree. The courses, held on the Knox campus, are

**Ibid.*

conducted during the junior and senior years. Students enrolled in the military science courses receive academic credit and are paid a monthly allowance by the Army. Upon appointment as a second lieutenant in the U.S. Army and following successful completion of the ROTC courses, there is a contractual obligation to serve the United States Army on active duty for two years.

Urban Studies Program*

Chicago's architectural landmarks, renowned museums, and cultural events form the background for this confrontation with the massive problems of a great urban center. Living in the city, students gain firsthand knowledge of its economics and politics; its metropolitan, suburban, and inner city dilemmas; its crises in transportation, pollution, and crime. Seminars on race and urban issues, plus job assignments and individual study projects provide opportunities to meet city specialists. Most program faculty are Chicagoans deeply involved in the urban scene.

Urban Teaching Semester*

The Urban Teaching Semester, conducted in cooperation with the Chicago Public Schools system, provides an opportunity to student-teach in inner city schools and to study in seminars devoted to urban education and urban sociology. Each student has two student teaching experiences in contrasting school situations. The length of the program is 16 weeks and the usual prerequisites for practice teaching apply.

Washington House

The Washington House program, initiated in 1967, allows approximately 16 students to spend the spring term in Washington, D.C. Each student takes three courses, Government in Action, Art and Architecture in Washington and an independent study course directed by a faculty member of Monmouth College. The program takes advantage of the Washington setting for field trips, directed observation and library research. Qualified science students may have an opportunity to engage in research in the Smithsonian Institution. Students are required to have junior standing for admission to the program.

Washington Semester

Students who have demonstrated exceptional academic ability are selected as candidates for this program at American University in Washington, D.C., designed to bring superior students into contact with source materials and government institutions at the nation's capital.

In addition to regular study and a research project, students participate in the Washington Semester Seminar, a course consisting of a series of informal meetings with members of Congress and government officials. The program is 16 weeks in length, and junior standing is required for admission.

**Ibid.*

Wilderness Field Station*

The Wilderness Field Station is located in the Superior National Forest in northern Minnesota. Operating from a base camp, students of botany, zoology, and geology explore the region by foot and canoe, learn basic techniques of field research, collect and classify plants, animals and rocks, and carry on individual study projects. The program, held in the summer, is from five to nine weeks in length, and students are required to have taken at least an elementary course in the field of science to be studied.

Young Presidents Organization Summer Internship

The Summer Internship program is sponsored by the Young Presidents Organization in cooperation with the economics department of Monmouth College. Each summer selected students interested in business careers work as interns in a variety of executive assistant positions. The employer pays a weekly salary and course credit is received upon completion of a written paper evaluating the work-study experience.

PRE-PROFESSIONAL PREPARATION

The liberal arts education provides a good foundation for professional and graduate study. The Monmouth program allows the student to concentrate in a field closely related to his specific interest while offering an opportunity to secure a broad, general education. Many graduate and professional schools discourage heavy undergraduate specialization and emphasize the values of a broadly based liberal arts education as a preparation for advanced study.

Communications

After receiving an A.B. degree, students can usually obtain an M.A. in journalism-communications after one year of concentrated study at a major university. Students interested in communications careers usually major in English, social sciences, or psychology. The weekly campus newspaper, the *Oracle*; the literary magazine, the *Piper*; the yearbook, the *Ravelings*; and the campus radio station, WFS, offer ample opportunity for students to gain practical experience.

Dentistry

Most students who plan to enter the field of dentistry major in biology or chemistry.

Engineering

See Three-two Cooperative Engineering Program page 26.

**Ibid.*

Law

The major field for the student planning to enter law school can be quite varied but the student should prepare himself in communicative skills and understanding of human institutions and values. Courses in economics, government, philosophy, psychology, sociology, and speech are recommended.

Library Science

After receiving the A.B. degree, a student may qualify for a library science degree with one year of training in a professional school. Business and industry have opened new fields in specialized library work for students with scientific training. There are opportunities for students with an interest in library science to work in the Monmouth College Library.

Medicine

While specific requirements for each medical school vary, the following courses would meet the general admissions requirements of most medical schools: biology including general zoology, embryology and vertebrate anatomy; inorganic chemistry, organic chemistry, and analytical chemistry; and general physics. In order to handle the mathematical concepts inherent in modern science, a strong background in mathematics is recommended for medical school preparation. Medical schools are also insisting on better preparation in the humanities and social sciences.

Biology majors fulfilling the requirements at Monmouth meet the admission requirements for most medical schools automatically. Chemistry majors need to take the necessary biology courses in addition to the courses required for the chemistry major. The program of study for each student is planned in consultation with faculty members in consideration of the requirements of the medical school to which the student expects to apply.

Medical Technology

Under a program similar to that for medicine or dentistry, students may major in any field providing certain basic course requirements are met. Generally, an A.B. degree with a major in biology or chemistry is taken. A fifth year at a professional school and successful completion of the registry examination will lead to the certificate in medical technology.

Ministry and Christian Education

The American Association of Theological Schools recommends a broad liberal arts background as the best preparation for the modern ministry. Concentration in philosophy, religion, history, English, sociology or psychology is acceptable, and some knowledge of Greek is a valuable asset.

Monmouth's program for training of church education assistants is approved by the United Presbyterian Church Joint Committee of Nine. The committee notes that the program "has value for students of other communions who are

preparing for service in the field of Christian education.” The program includes general liberal arts requirements in humanities, social sciences, physical sciences and mathematics and 14 term courses in education, psychology, religion, and music.

Teaching

Teacher preparation programs have been designed to implement the objectives of Monmouth College and also to meet the general and professional education requirements of the Illinois State Teacher Certification Board. The programs provide students preparing to teach in elementary and secondary schools with opportunities to develop attitudes and behaviors needed to become effective teacher-scholars. The programs allow for development of breadth through the general education component, depth through the study in a major field, and teaching competence through the professional courses.

Students expressing an interest in teaching as a career are advised to pursue programs of study which take into account their subject interests, personal aptitudes, and desire to qualify for various teaching preparation programs. Special study programs, one of which is the Urban Teaching Program of the Associated Colleges of the Midwest, offer special opportunities to the Monmouth student. Other programs may be started at Monmouth and completed in graduate school. See pages 35, 61, and 62 for more specific information concerning the teacher education program.

SUGGESTED CURRICULA

To give entering freshmen an idea of a typical program, the following series of suggested curricula is presented. The programs, listed alphabetically by department, represent a suggested series of courses prepared by faculty members in the department. They are recommendations rather than strict requirements. Each student's program is planned with the advice of his faculty adviser and is tailored to meet his specific interests and requirements.

ART

FRESHMAN YEAR

First Term

English or Speech
Language
Art 105

Second Term

English or Speech
Language
Art 106
Art 151*

Third Term

English or Speech
Language
Art 107
Art 152*

**one-half course credit.*

SOPHOMORE YEAR

First Term

Laboratory Science
Language
Humanities Elective

Second Term

Laboratory Science
Education 201 or Social Science
Elective
Art 211
Art 251 or 241*

Third Term

Mathematics or Science
Education 202 or Social Science
Elective
Humanities Elective
Art 252 or 242*

BIBLE AND RELIGION

FRESHMAN YEAR—Ministry and Christian Education

First Term

English 101
Language
Speech 101
Art, Music, or Theater*

Second Term

English 102
Language
Bible 101
Art, Music, or Theater*

Third Term

Religion
Language or General Psychology
Literature, History or Philosophy
Art, Music, or Theater*

SOPHOMORE YEAR—Ministry

First Term

Laboratory Science
Social Science
Language or Religion

Second Term

Laboratory Science
Social Science
Greek

Third Term

Science or Mathematics
Philosophy of Religion
Greek

**One-term course or fractional courses to equal one-term course may be taken.*

SOPHOMORE YEAR—Christian Education

First Term

Laboratory Science
General Psychology or Religion
Language, Literature, History
or Philosophy

Second Term

Laboratory Science
Education 201
Mathematics 100 (elementary) or
American History or
Government (secondary)

Third Term

Religion
Education 202
Mathematics 111 (elementary or
course in major (secondary))

BIOLOGY

FRESHMAN YEAR

First Term

Biology 101
Chemistry 111
Mathematics 131 or 141 or English 101

Second Term

Biology 102
Chemistry 112
English 101

Third Term

Chemistry 131
Graduation and Distribution
Requirements (2)

SOPHOMORE YEAR

First Term

Biology 212 or 213
Physics 101 or 110
or Chemistry 211
Language 101

Second Term

Biology 311, 314, or 316
Physics 102 or 111
Language 101 or 102

Third Term

Distribution and Graduation
Requirements (2)
Language 102 or 201
Biology 211, 214, 312, 313, or 317

BUSINESS ADMINISTRATION

FRESHMAN YEAR

Distribution
Requirements
Mathematics 151 and 152
(if possible)

SOPHOMORE YEAR

Economics 200 (micro)
Economics 201 (macro)
Economics 203
Economics 204

CHEMISTRY

FRESHMAN YEAR

First Term

English 101 (or
Distribution Requirement)
Chemistry 111 or 151
Mathematics 131 or 151

Second Term

Chemistry 112 or 152
Mathematics 151 or 152
Distribution or German 101

Third Term

Chemistry 131 or
Mathematics 251*
Distribution or German 102
Elective or Distribution

SOPHOMORE YEAR

First Term

Chemistry 211
Distribution or
German 201
Elective or Distribution

Second Term

Chemistry 212
Physics 110
Elective or Distribution

Third Term

Chemistry 251 or
Chemistry 213*
Physics 111
Elective or Distribution

CLASSICAL LANGUAGES—LATIN MAJOR OR CLASSICS MAJOR

Students who have had three or four years of Latin in high school may start 300-level Latin courses in the freshman year. Latin 102 is a quick review course for students with one or two years of Latin in high school who need extensive review before beginning to study Vergil.

FRESHMAN YEAR

First Term

English 101
Laboratory Science
Latin 102 or Bible

Second Term

English 102
Laboratory Science
Latin 204

Third Term

Music, Art, or Theater Arts
Speech 101
Latin 205

SOPHOMORE YEAR

First Term

Science or Mathematics
Latin
History, Literature, or Philosophy

Second Term

Latin
Social Science
History, Literature, or Philosophy

Third Term

Latin or an elective
Social Science
Classics 211 or 221

ECONOMICS

FRESHMAN YEAR

Distribution
Requirements
Mathematics 151 and 152
(if possible)

SOPHOMORE YEAR

Economics 200 (micro)
Economics 201 (macro)
Economics 311
Mathematics 106

**Elective for departmental majors but required of students wishing certification by the American Chemical Society.*

EDUCATION

FOUR-YEAR PROGRAM FOR STUDENTS PREPARING FOR ELEMENTARY SCHOOL CERTIFICATES

FRESHMAN YEAR

First Term

English 101, Composition
Elective (Foreign Language)
Elective (Natural Science)
Elective (Physical Education)

Second Term

English 102, Literature
Foreign Language
Natural Science
Elective (Physical Education)

Third Term

Speech 101, Fundamentals
Foreign Language
Elective (Bible or Religion)
Elective (Physical Education)

JUNIOR YEAR

First Term

Major
Mathematics 110, Essentials I
Education 301, Teaching of Reading

Second Term

Major
Mathematics 111, Essentials II
Education 326, Children's
Literature & Art

Third Term

Major
Elective (History)
Education 304, Teaching of Science

SOPHOMORE YEAR

First Term

Elective (major)
Elective
Psychology 101, Introduction
Elective (Physical Education)

Second Term

Major
Education 201, Educational Psychology
Elective (Sociology)
Elective (Physical Education)

Third Term

Major
Education 202, Guidance, Tests &
Measurements
Elective (Literature or Philosophy)
Elective (Physical Education)

SENIOR YEAR

First Term

Educational 401-2, Student teaching
Major, Seminar
or Independent Study

Second Term

Elective (Literature or Speech)
Elective (History) 313 or Philosophy 211)
Music 312, Music for Elementary
Teachers

Third Term

Elective (Social Science)
Elective
Elective

FOUR-YEAR PROGRAM FOR STUDENTS PREPARING FOR HIGH SCHOOL OR SPECIAL CERTIFICATES

Guidelines for planning are found on page 61.

ENGINEERING, THREE-TWO COOPERATIVE PROGRAM

FRESHMAN YEAR

First Term

English 101
Mathematics 151
Art, Music, or Theater

Second Term

English 102
Mathematics 152
Physics 110

Third Term

Mathematics 251
Physics 111
Speech 101

SOPHOMORE YEAR

First Term

Physics 112
Mathematics 252
Physics 208

Second Term

Social Science
Foreign Language
Physics 210

Third Term

Humanities Elective or Social Science
Foreign Language
Mathematics 254
Engineering 101

ENGLISH

FRESHMAN YEAR

First Term

English 101 or Speech
Language
Science or Bible

Second Term

English 101 or 102
Language or History
Science or Bible

Third Term

English 102 or Speech
Language or History
Science or Bible

**If student plans to teach*

SOPHOMORE YEAR

First Term

English
(Psychology 101* or Sociology
or Economics)
Art or Music

Second Term

English
(Education 201* or Science
or Mathematics)
Philosophy or History

Third Term

English
(Education 202* or course
in major field)
Government

GEOLOGY

FRESHMAN YEAR

First Term

Geology 101
Mathematics 151
Speech or Humanities elective

Second Term

Geology 102
Mathematics 152
English 101

Third Term

Social Science
Mathematics 251
Humanities Elective

SOPHOMORE YEAR

First Term

Geology 212 or 221
Chemistry 111 or Biology 101
Speech or Humanities elective

Second Term

Geology 302 or 304
Chemistry 112 or Biology 102
Social Science or Humanities elective

Third Term

Geology 103
Art, Music, or Theater
Mathematics 252

GOVERNMENT

FRESHMAN YEAR

First Term

History 101*
Language
English or Government 103

Second Term

History 102*
Language
English

Third Term

Humanities Elective
Speech
Government 103 or English

**Unless taken in high school*

SOPHOMORE YEAR

First Term

Sociology
Language
Science

Second Term

Government 104
Language
Science

Third Term

Economics
Psychology
American History

HISTORY

FRESHMAN YEAR

First Term

History 100
English 101 or Speech
Language

Second Term

History 100 or 110
English 101 or 102
Language

Third Term

History 100 or 110
English 102 or Speech
Humanities Elective

SOPHOMORE YEAR

First Term

History (any 200 course)
Language
Science

Second Term

History (any 200 course)
Language
Science

Third Term

History (elective)
Art, Music, or Theater
Philosophy or Literature

MATHEMATICS

Freshmen intending to major in mathematics should take three terms of mathematics, beginning with Mathematics 151, if possible, or 131; English 101, and Speech 101; Language or Physics 110 and 111; distribution and graduation requirements to fill out the schedule.

MODERN FOREIGN LANGUAGES

The student who wishes to major in a modern language will ordinarily have studied the language in high school so that he can by a placement exam, begin his college work at the intermediate level. If the student wants to major in a language he has not studied before, a special program must be planned which will probably include summer school in a country where the language is spoken.

The following program anticipates a term or the junior year at a foreign university.

FRESHMAN YEAR

First Term

Intermediate Language
English 101
History 101

Second Term

Intermediate Language
English 102
History 102

Third Term

Speech or Humanities Elective
Art, Music, or Theater
Language 299 or 300

SOPHOMORE YEAR

First Term

Language 300
Humanities Elective
Science 101

Second Term

Language 300
Second Language 101
Science 102

Third Term

Second Language 102
Science or Mathematics
Psychology or Economics
Language 320

The following program is designed for students who plan to teach at the secondary school level. Those interested in teaching a foreign language in the elementary school should consult the Education and Modern Foreign Language Departments. In either case, the Master of Arts in Teaching degree is recommended. It is also advisable to participate in the ACM Urban Education program.

FOREIGN LANGUAGE TEACHING MAJOR

FRESHMAN YEAR

First Term

Intermediate Language
English 101
History 101

Second Term

Intermediate Language
English 102
History 102

Third Term

Speech or Humanities Elective
Art, Music, or Theater
Language 299 or 300

SOPHOMORE YEAR

First Term

Language 300
Psychology 101
Science 101

Second Term

Education 201
Science 102
Second Language 101

Third Term

Education 202
Science or Mathematics
Second Language 102
Language 300

MUSIC

FRESHMAN YEAR

First Term

Music 102
English
Language
Applied Music

Second Term

Music 103
English
Language
Applied Music

Third Term

Music 201
Speech
Language
Applied Music

SOPHOMORE YEAR

First Term

Music 202
Language
Science
Applied Music

Second Term

Music 204
Social Sciences
Science
Applied Music

Third Term

Humanities Elective
Social Science
Science
Music 205

Language courses could be deferred until the sophomore year, in which case science would be taken in the freshman year.

PHILOSOPHY

Students should plan their courses to meet distribution and graduation requirements during the first two years, including Philosophy 101 and 102 in the freshman year and Philosophy 210 and 213 in the sophomore year.

PHYSICAL EDUCATION

FRESHMAN YEAR

First Term

Language
English
Biology

Second Term

Language
English
Biology

Third Term

Language
Psychology
Speech

SOPHOMORE YEAR

First Term

Rhythmical Activities
Team Sports (Women)
American History or Government (Men)
Language

Second Term

Elementary School Physical
Education
Education 201
Humanities Elective

Third Term

Individual Sports
Education 202
Health Education



PHYSICS

FRESHMAN YEAR

First Term

English 101
Mathematics 151
Physics 211 or Art, Music,
or Theater

Second Term

Humanities Elective or Social Science
Mathematics 152
Physics 110

Third Term

Mathematics 251
Physics 111
Speech 101

SOPHOMORE YEAR

First Term

Mathematics 252
Physics 208
Physics 112

Second Term

Humanities Elective or Social Science
Foreign Language
Physics 210

Third Term

Foreign Language
Mathematics 254
Physics 212

PSYCHOLOGY

FRESHMAN YEAR

First Term

English 101
Biology 101
Language

Second Term

Humanities Elective
Biology 102
Language (or Psychology
101 if Language Requirement
already met)
Mathematics 103

Third Term

Language or Speech 101
Psychology 101 or other
Social Science Requirement
Mathematics 106

SOPHOMORE YEAR

First Term

Language or Humanities Elective
Psychology 201
Music, Art, or Theater

Second Term

Psychology 202
Humanities Elective
Any other Distribution Requirement

Third Term

Natural Science or Mathematics
Requirement
Psychology 204, 223, 224, or 225
Sociology

SOCIOLOGY

In addition to meeting college distribution requirements during the first two years, students should schedule at least three sociology courses at the sophomore level including Sociology 210. Biology and elementary statistics are strongly recommended. Other recommended fields are history, government, economics, psychology, and religion.

SPEECH

FRESHMAN YEAR

First Term

Speech 101
Science
Language
Debate or Theater*

Second Term

English
Science
Language
Debate or Theater*

Third Term

English
Speech 102
Language, Art, or Music
Debate or Theater*

**Fractional credit*

SOPHOMORE YEAR

First Term

Speech 215
Psychology 101
Language
Debate or Theater*

Second Term

Speech 221
Philosophy, History, or
Literature
Social Science
Debate or Theater*

Third Term

Philosophy, Literature, or
History
Speech 322
Science or Mathematics
Debate or Theater*

COURSES OF INSTRUCTION

Students are urged to note the requirements listed for each academic department and consult with their faculty adviser and the department concerned for more specific information.

Prerequisites or co-requisites for a course, if any, are listed following the course description. Courses numbered 100 to 199 normally are introductory courses open to freshmen; 200-level courses are intermediate courses open to sophomores but not to freshmen; 300-level courses are advanced courses open only to juniors and seniors or to sophomores with the consent of the instructor; 400-level courses are departmental seminars and independent study courses. Fractional courses are offered in art, music and speech and dramatics.

A detailed schedule of courses listing the instructor, time and classroom is issued each spring for pre-registration information. Courses may be withdrawn if there is not sufficient demand in any given term.

ART

HARLOW B. BLUM, *Associate Professor, Chairman*

MARTHA H. HAMILTON, *Assistant Professor*

BRIAN G. ROW, *Instructor*

GEORGE L. WALTERSHAUSEN, *Instructor (On Leave 1970-1971)*

G. E. BOONE, *Lecturer*

KATHARINE P. BOONE, *Lecturer*

DEPARTMENTAL MAJOR

- (a) Emphasis in studio art: At least 10 term courses in art including four studio courses, three courses in art history, one in independent study, one in design, and Art Seminar 450.
- (b) Emphasis in art history: At least three courses in Art History beyond 107, two in independent study, Art Seminar 450, and two courses in studio art.

ART HISTORY

103. Art Appreciation.

A course for the general student, emphasizing increased perception of the formal elements of visual art—line, form, color and texture—with which one comes in contact every day. Included also are the theory and criticism of visual art. Open primarily to non-art majors.

105. Introduction to the History of Art.

A study of the major phases and works of art in painting, sculpture, and architecture from Prehistoric through Byzantine styles.

106. Introduction to the History of Art.

A study of the major phases, works of art, and personalities from Medieval through Baroque.

107. Introduction to the History of Art.

A study of the major phases, works of art, and personalities covering the 18th, 19th, and 20th Centuries.

205. Introduction to the History of Indian Art.

Survey of Indian art from the Indus Valley civilization through the early Hindu dynasties, including a review of the Buddhist and Hindu traditions of Indian art and a brief survey of the post-Hindu styles.
(alternate years)

206. Introduction to the History of Chinese Art.

Survey of Chinese art from Prehistoric times through the Ching dynasty (1644-1911) with emphasis on those works which affected Japanese art.
(alternate years)

207. Introduction to the History of Japanese Art.

Survey of Japanese art from the Prehistoric period through the Tokugawa Period (1614-1898). Attention is given to the influences of Chinese and Western art with emphasis on the evolution of a unique Japanese style.
(alternate years)

300. Art and Architecture in Washington.

A study pursued in Washington, D.C., as part of the Washington House Program, utilizing the cultural resources of the area.

321. Architecture.

Ancient, Medieval, and Renaissance architecture is used as a basis for appraising contemporary architecture.

322. Contemporary Art.

A study of 20th century painting and sculpture with emphasis on the art in America. Prerequisite: Art 107 or consent of instructor.

331. European Renaissance.

Great figures in important centers in the Renaissance. Prerequisite: Art 106 or consent of instructor.
(alternate years)

332. Middle Eastern Art.

The art of the Middle East from prehistoric through Islamic periods. Special emphasis upon the major Islamic developments in Iran and Turkey and their influences on European art.

SEMINARS AND INDIVIDUAL STUDY

320, 325. Junior Independent Study.

An individual research program arranged in consultation with the instructor and designed to fit the interests of the student.

350. Seminar in Oriental Art.

Introduction to the arts of China, Korea, and Japan, illustrated with examples from the Boone Collection.

420. Senior Independent Study.

An individual research program arranged in special interest areas of the student.

450. Art Seminar.

Art, criticism, teaching methods, and techniques, and other specialized art topics offered only to senior art majors or by special permission.

(alternate years)

STUDIO COURSES

Art studio courses may be taken for either fractional or whole course credit, depending upon the number of class hours taken. Students taking one-half credit studio courses normally meet four hours per week. If a student elects to take a studio sequence for whole course credit, he registers for both half courses simultaneously; i.e., Art 151, 152. Students electing to enroll for a whole course credit must be able to take eight hours of class work.

151, 152. Fundamentals of Drawing.

Introducing the beginning student to a variety of media: charcoal, conte, ink, pastel and watercolor. Theory and practice in the elements of drawing with the emphasis on creative expression.

201, 202. Beginning Printmaking.

A studio course emphasizing the basic techniques of printing in the development of the fine print. The study and making of etchings, engravings, serigraphs, and woodcuts. Prerequisite: Art 151 or consent of instructor.

211. Design.

Fundamental elements and principles of two- and three-dimensional design emphasizing aspects of visual expression.

221, 222. Advanced Drawing.

The development of drawing techniques.

241, 242. Beginning Sculpture.

Introducing the theory and practice of three-dimensional techniques using clay, plaster, and other materials.

251, 252. Beginning Painting.

An introduction to synthetic and oil painting media, painting techniques, composition and analysis. Emphasis on individual expression. Prerequisite: Art 151 or consent of instructor.

301, 302. Advanced Printmaking.

Prerequisite: Art 202.

341, 342. Advanced Sculpture.

Practice in three-dimensional composition concentrating on permanent materials with an emphasis on individual expression and self-criticism.

351, 352. Composition and Painting.

Composition practice, analysis, and painting techniques with emphasis on the creative formal elements. Prerequisite: Art 252.

451, 452. Advanced Composition.

Individual creative work in painting, sculpture, or graphic arts. Prerequisite: Art 302, 342, 252.

The following course is available to Monmouth students at Knox College:

Ceramics (Art 319).

BIBLE AND RELIGION

CHARLES J. SPEEL II, *Professor, Chairman*

J. STAFFORD WEEKS, *Professor*

PAUL H. McCLANAHAN, *Chaplain, Assistant Professor*

DEPARTMENTAL MAJOR

A minimum of eight term courses.

BIBLE

101. Bible Survey.

A survey of the Old and New Testaments.

201. Old Testament Problems.

A study of the Old Testament, including literature, religion, and theology.

212. New Testament Problems.

A study of the New Testament material, including literature and religious thought.

301. Archaeology and the Bible.

The bearing of archaeological and historical investigations on the life and literature of the Old and New Testaments, along with a study of the relationship of neighboring cultures.

RELIGION

101. Basic Beliefs.

The major teachings of the Christian faith with special emphasis on contemporary Christian thought.

203. Christian Ethics.

A study of Christian ethics with particular attention to the ethical problems of today. Guest speakers, specialists in the professional and business world, speak to the class to assist in making the course relevant.

205. Catholic Doctrine.

A study of the teachings and practices of the Roman Catholic Church, currently and historically. The course is taught by a Catholic clergyman assisted by the chairman of the department of Bible and Religion.

213. Philosophy of Religion.

See Philosophy 213.

301. Church History to 1450.

The Christian church from the time of Christ to A.D. 1450, including a study of Christian doctrine, church organization, significant ecclesiastical movements, and outstanding church leaders.

307. New Testament.

See Classical Languages (Greek) 307.

308. New Testament.

See Classical Languages (Greek) 308.

312. Church History from 1450 to the Present.

The Christian church from A.D. 1450 to the present, including a study of doctrine, organization, ecclesiastical movements, and church leaders.

321. World Religions.

A study of non-Christian religions, both past and present, with particular emphasis upon the origins, history, and thought of Hinduism, Jainism, Zoroastrianism, Sikhism, and Islam.

322. World Religions.

A study of non-Christian religions, both past and present, with particular emphasis upon the origins, history, and thought of Buddhism, Taoism, Confucianism, and Shinto.

SEMINARS AND INDIVIDUAL STUDY

333. Christian Education.

Introduction to the use of the Bible, forms of worship, and methods of teaching and administration in Christian Education. Guest speakers, who are experienced specialists, will be included.

351. Field Work in Christian Education.

A supervised program of practical experience in connection with Christian education programs at local churches. Open only to sophomores, juniors and seniors preparing for careers in Christian education. Departmental consent required. Prerequisite or co-requisite: Religion 333.

401. Seminar.

Open to sophomores, juniors, and seniors, subject to the consent of the department. Topics, which vary as the course is offered, include: ecumenics and the encounter with non-Christians, Islamics, the role of religion in the Middle East and Africa, Buddhism, church and state and moral, scientific and social issues in current environmental problems.

412. Reading Course.

On problems of interest to the student. Open only to students who include Bible and Religion in their field of concentration.

423. Thesis Course.

On a subject of the student's own choosing. Open only to students who include Bible and Religion in their field of concentration.

The following courses are available to Monmouth College students at Knox College:

Judaism, Catholicism and Protestantism (Religion 301).

Contemporary Theological Thinking (Religion 303).

BIOLOGY

ROBERT H. BUCHHOLZ, *Professor, Chairman*

JOHN J. KETTERER, *Professor*

DAVID C. ALLISON, *Associate Professor*

MILTON L. BOWMAN, *Associate Professor*

BENJAMIN F. COOKSEY, *Instructor*

DEPARTMENTAL MAJOR

A minimum of eight courses in biology in addition to Biology 101-102 and including (A) any two of the following: Biology 205 or 206, 212, 213, 214 and 216; (B) either Biology 311 or 312; (C) Biology 316, 317, and 405; (D) one of the following Biology 406 or 407. The following courses in the fields of chemistry and physics are required: (A) Chemistry 131 and Chemistry 211; (B) two terms of Physics 101-102 or Physics 110-111. A strong background in mathematics is recommended.

ECOLOGICAL FIELD STATION

In the summer of 1969 the Biology Department of Monmouth College established an Ecological Field Station on certain backwaters of the Mississippi River near Keithsburg, Illinois. The location of this site is just 30 minutes from the campus which makes it convenient for teaching purposes. This classroom-laboratory in the field has strengthened the ecological aspect of our academic program. It is also used for other biology courses, independent study and for student-faculty summer research projects. This Ecological Field Station is a cooperative project involving the National Science Foundation, the U.S. Corps of Engineers and Monmouth College.

101. College Biology.

An introduction to the concepts in modern biology with emphasis on the cell and with an experimental approach in the laboratory. Basic biological processes of cellular organization, chemical and physical aspects of normal and abnormal cells, metabolism, drug action, energy relationships, photosynthesis, cell reproduction, and protein synthesis will be stressed.

102. College Biology.

Principles of modern environmental biology will be emphasized. The concept of the ecosystem will be stressed with specific reference to such topics as succession, niche, pollution, population dynamics, human ecology, physical and biological environment, natural cycles of the elements, biotic factors, parasitism and symbiosis. The effect of man's intrusion on the biotope will be considered. An experimental approach will be used in the laboratory.



205. Lower Invertebrates

A study of the general morphology, physiology, and ecological and evolutionary relationships of the major groups of non-coelomate invertebrate animals. Representatives of the major taxa are studied in the laboratory. Prerequisite: Biology 102 or consent of the instructor.

206. Higher Invertebrates

A study of the general morphology, physiology, and ecological and evolutionary relationships of the major groups of coelomate invertebrate animals. Representatives of the major taxa are studied in the laboratory. Prerequisite: Biology 102 or consent of the instructor.

212. Vertebrate Zoology.

A study of the morphology, physiology, life histories, and the ecological and evolutionary relationships of vertebrate animals. Representatives of the major taxa are studied in the laboratory. Prerequisite: Biology 102 or consent of the instructor.

213. Non-Vascular Plants.

A study of the non-vascular plants exclusive of the bacteria. Particular consideration will be given to the structure and life cycles of the algae, fungi, mosses, and the liverworts. Prerequisite: Biology 102 or consent of the instructor.

214. Vascular Plants.

A study of the ferns, conifers, and flowering plants. Emphasis will be placed on the structure and life cycles of these groups of plants. Prerequisite: Biology 102 or consent of the instructor.

215. Organic Evolution.

An introduction to the concept of organic evolution including a critical review of the theories and mechanisms of evolution and the evidence upon which they are based; the problems of the origin of life; and the evolutionary history of animals and plants. Prerequisite: Biology 102 or consent of the instructor.
(alternate years)

216. Animal Behavior.

A one term course with laboratory designed to give the student an understanding of fundamental concepts and basic principles in the field of instinctive animal behavior. Prerequisite: Biology 102 or consent of the instructor.

311. Mammalian Physiology.

A detailed study of the physiological mechanisms of the mammalian systems. Prerequisites: Two of the following courses: Biology 205, 206, 212, 213, 214; one term of organic chemistry; or consent of the instructor.

312. General Physiology.

A study of the fundamental concepts and basic principles of protoplasmic processes in plant, animal, and microbial cells. Prerequisites: Two of the following courses: Biology 205, 206, 212, 213, 214; one term of organic chemistry; or consent of the instructor.

313. Developmental Biology.

A descriptive and experimental study of development and differentiation in plants and animals. Prerequisites: Two of the following courses: Biology 205, 206, 212, 213, 214; Chemistry 112; or consent of the instructor.

314. Bacteriology.

A general study of the bacteria as living organisms. Morphology, physiology and ecological relationships are emphasized. Some consideration is given to the nature of disease and its control. Prerequisites: Two of the following courses: Biology 205, 206, 212, 213, and 214 or consent of the instructor.
(alternate years)

315. Cell Morphology.

A morphological study of the ultra and fine structure of the cell. Consideration of cellular interdependence at the tissue level will be undertaken. Abilities in micro-technique will be developed in the laboratory. Prerequisites: Two of the following courses: Biology 205, 206, 212, 213 and 214 or the consent of the instructor.

316. Genetics.

An introduction to the principles of heredity in animals and plants. The study will include contemporary consideration of the gene and the gene mechanisms. Laboratory exercises utilizing both plants and animals will be used to elucidate the above principles. Prerequisites: Two of the following courses: Biology 205, 206, 212, 213 and 214 or consent of the instructor.

317. Ecology.

An introduction to ecology designed to give the student an understanding of the principles and concepts of environmental interrelationships and interactions with living organisms. Prerequisites: Two of the following courses: Biology 205, 206, 212, 213 and 214 or consent of the instructor.

INDIVIDUAL STUDY

405, 406, 407. Independent Study.

Individual research or advanced experimental projects chosen by the student in consultation with the staff, involving the search of primary literature sources, design and execution of experiments, and an oral and written report of the results. Open to senior biology majors.

CHEMISTRY

QUENTIN R. PETERSEN, *Professor, Chairman*

BERWYN E. JONES, *Associate Professor (On Leave 1970-1971)*

PAUL A. BARKS, *Assistant Professor*

THOMAS A. BEINEKE, *Assistant Professor*

DAVID E. DUNHAM, *Assistant Professor*

TERRY M. NAGEL, *Assistant Professor*

Monmouth College is included in the list of institutions approved for undergraduate training of chemists by the American Chemical Society.

DEPARTMENTAL AND A.C.S. MAJORS

- (a) A departmental major shall consist of the following courses: Chemistry 111 and 112 (151 will satisfy this sequence); 131 or 152; 211; 212; 311; 403 or 404; and one additional course numbered 200 or higher. The following courses are prerequisites

for Chemistry 311 which is a required course for all majors in chemistry: Physics 110, 111 and Mathematics 151, 152.

- (b) Students wishing to complete teacher certification requirements in chemistry shall complete 10 term courses in chemistry including the requirements for the departmental major.
- (c) Students wishing to be certified by the American Chemical Society should take the following courses in addition to those courses numbered in part (a) above: Chemistry 251, 312, 331, 341; Mathematics 251 and 252; and at least one additional term course chosen from Chemistry 351, 403, or 404, Mathematics 254 or more advanced, Physics 208 or more advanced, and Biology 311 or more advanced.
- (d) All majors will be expected to participate in the departmental seminar programs given by students, staff members, and visiting scientists.
- (e) All majors will be required to present a satisfactory performance on the Undergraduate Record Examination given during the senior year, and a satisfactory performance on a departmental oral examination given at the end of the senior year.
- (f) A reading knowledge of German or Russian is required of all chemistry majors. Satisfactory completion of German 201 or Russian 201 meets this requirement.

111. Introductory Chemistry.

An introduction to the fundamental concepts of chemistry. Subjects emphasized are the structure of the atom and the relationship of this structure to the Periodic Law; the gaseous state and the kinetic molecular theory; the concepts of molecular, atomic and equivalent weights and their relationships to the liquid and solid state. One laboratory per week is devoted to experimental study of the topics considered in lecture. Prerequisites: none.

112. Introductory Chemistry.

A continuation of 111. Prerequisite: Chemistry 111 or permission of the department.

131. Introduction to Analytical Chemistry.

A survey of chemical equilibrium, gravimetry, titrimetry, spectrophotometry, electrochemistry, chromatography, and separations. Prerequisite: Chemistry 112 (or Chemistry 151 by permission of the department). Two laboratories per week.

151. Fundamentals of Chemistry.

Atomic and molecular structure, stoichiometry periodicity, kinetics and equilibrium, acid-base and redox systems. Two laboratories per week consist of qualitative analysis and other appropriate experiments. Prerequisite: Satisfactory performance on the Chemistry Placement Test.

152. Fundamentals of Analytical Chemistry.

A rigorous treatment of the principles of chemical equilibrium and quantitative analysis with emphasis on separations, gravimetry, titrimetry and electrochemistry. Two laboratories per week. Prerequisites: Chemistry 151 (or Chemistry 112 by permission of the department).

211. Organic Chemistry.

An application of the concepts of bonding structure and reactivity to the most fundamental types of carbon compounds. Two laboratories per week introduce the principal manipulative techniques of organic chemistry through appropriate syntheses. Prerequisites: Chemistry 112, 152, or permission of the instructor.

212. Organic Chemistry.

A continuation of Chemistry 211 which considers additional classes of organic compounds and the more intricate relationship between structure and reactivity as expressed in mechanistic terms. The laboratories stress the chemical behavior of the major functional groups. Prerequisites: Chemistry 211, or permission of the instructor.

213. Introductory Biochemistry.

A study of the molecules of physiological importance, their structures, functions and transformations which occur within living cells. A more detailed study of some selected topics (e.g., proteins, nucleic acids, intermediary metabolism, enzyme action and biosynthesis) will be made. One laboratory per week illustrates modern biochemical techniques. Prerequisite: Chemistry 212 and permission of the Department.

251. Organic Chemistry.

An extensive and sophisticated study of polyfunctional organic compounds, including materials of natural origin. Two laboratories per week are devoted to the qualitative analysis of organic compounds and mixtures using classical and instrumental techniques. Prerequisites: Chemistry 212 or permission of the instructor. Not offered during 1970-1971.

311. Physical Chemistry.

A rigorous treatment of thermodynamics, thermochemistry, phase equilibria, chemical equilibria, the gaseous state, properties of liquids and solutions, and electrochemistry. One laboratory per week which is correlated with the lecture material. Prerequisites: Chemistry 131 or 152, Mathematics 152, co-requisite Physics 111 or permission of the instructor.

312. Physical Chemistry.

Kinetic molecular theory of gases, chemical kinetics, theory of reactions rates, chemical applications of quantum mechanics, structural chemistry, electric and magnetic properties of molecules. The laboratory is correlated with the lecture material. Prerequisites: Chemistry 311, Mathematics 251 and Physics 112 or permission of the instructor.

331. Advanced Analytical Chemistry.

A rigorous study of the principles and practice of modern quantitative chemical analysis, including instrumental methods. Sampling, quantitative separations, statistical treatment of data and electrochemical methods of determination. The two weekly laboratories are correlated with the lecture. Prerequisites: Chemistry 212, 311 (may be taken concurrently by permission of the department).

341. Advanced Inorganic Chemistry.

A study of atomic structure and chemical bonding, solvent systems, acid-base theories, and the chemistry of selected elements including the transition metals. Selected techniques in synthetic inorganic chemistry are introduced in a single laboratory per week. Prerequisite: Chemistry 311.

351. Advanced Topics in Chemistry.

A discussion of advanced topics in chemistry. The laboratory is correlated with the lecture material. Prerequisite: Chemistry 311.

403. Research.

The study of an original research project chosen in consultation with the chemistry staff. Prerequisite: Permission of the Department.

404. Independent Studies.

Study of a topic of special interest to the student directed by one of the staff.
Prerequisite: Permission of the Department.

CLASSICAL LANGUAGES

BERNICE L. FOX, *Associate Professor, Chairman*

GRAYDON W. REGENOS, *Lecturer (part-time)*

DEPARTMENTAL MAJOR IN LATIN

- (a) A minimum of eight courses in Latin above the level of 200 courses, and including an independent study course in prose composition.
- (b) A course in Roman history and at least two terms of Greek.
- (c) Between the junior and senior year, Latin majors have a three-week summer program available, but not required. Two weeks are spent with the Vergilian Society at Cumae, Italy, with trips to Pompeii and Naples and one week in Rome.

DEPARTMENTAL MAJOR IN CLASSICS

- (a) A minimum of either three terms of Latin above the 200 level or three terms of Greek; plus two terms of the language not chosen as the primary language; plus two courses from Classics 211, 221, 224, and a course in independent study taken within the department.
- (b) At least four courses in one or two closely related fields, including History 311 and 312.

LATIN

101. Elementary Latin.

A study of grammar and syntax. Designed for the student beginning the study of Latin.

102. Elementary Latin.

A continuation of Latin 101, completing the syntax and starting the reading of Latin authors.

103. Latin Grammar.

A rapid survey of elementary Latin grammar and syntax with easy readings from Latin authors. Prerequisite: one year of high school Latin or permission of instructor. Cannot be used to satisfy the language requirement.

204. Vergil's "Aeneid."

Prerequisite: two years of high school Latin or Latin 102 or 103.
(alternate years)

205. Cicero.

Selections from the Orations and Essays. Prerequisite: two years of high school Latin or Latin 102 or 103.
(alternate years)

301. Livy's "Histories."

Emphasis on the early kings and the Carthaginian Wars. Prerequisite: three years of high school Latin or the equivalent.
(alternate years)

302. Tacitus and Suetonius.

The period of the Twelve Caesars, with special study of the periods of Augustus and Nero. Prerequisite: see Latin 301.
(alternate years)

303. Pliny's "Letters."

Special study of Roman private life at the time of Pliny. Prerequisite: see Latin 301.
(alternate years)

310. Roman Drama.

Studies in Plautus and Terence. Prerequisite: see Latin 301.
(alternate years)

311. Latin Lyric Poetry.

Readings from Catullus, Ovid, and Horace. Prerequisite: see Latin 301.
(alternate years)

312. Roman Satire.

A study of the satires of Horace and Juvenal and the epigrams of Martial. Prerequisite: see Latin 301.
(alternate years)

401. Independent Study.

Individual research problems in language or literature under guidance of the instructor. Advanced students only.

435. Teachers' Course in High School Latin.

For advanced students who desire recommendation as Latin teachers.

GREEK

101. Elementary Greek.

A study of Greek grammar and acquisition of vocabulary.

102. Elementary Greek.

Continuation of the study of Greek grammar, with translations from Xenophon's Anabasis or other selected readings.

201. Greek Reading.

Selections from Plato's Apology and Crito or from the Greek historians, Septuagint, Apocrypha, or non-literary papyri.
(alternate years)

202. Greek Reading.

Continuation of 201.
(alternate years)

307. New Testament.

Forms, syntax, and reading. Prerequisite: Greek 101-102.
(alternate years)

308. New Testament.

Textual and word studies and more difficult reading.
(alternate years)

401. Independent Study.

Advanced individual study of grammar or reading under direction of the instructor.

CLASSICAL CIVILIZATION

(Given in English. No foreign language prerequisite.)

211. Classical Archaeology.

A study of more important Greek and Roman antiquities from the Minoan civilization in Crete to late Roman times. Text and library readings, supplemented by slides taken in Italy, Greece, and Asia Minor.

221. Classical Mythology.

A study of classical myths, especially as they relate to Art and literature. No prerequisites.

224. Word Elements.

Intended to aid in mastering general and technical derivatives from Greek and Latin stems. No previous study of these languages required.

EAST ASIAN STUDIES PROGRAM

CECIL C. BRETT, *Director, Associate Professor of Government and History*

Students wishing to explore the area of East Asia can either major in a related field and take courses in the East Asian Studies series or select a topical major with concentration in East Asian course work. The program for the topical major must be approved by the Curriculum Committee and the director of the East Asian Studies program. Students with an interest in Asia may study for a summer or for an academic year in various Asian universities.

ART

205. Art of India.

206. Art of China.

207. Art of Japan.

350. Seminar in Oriental Art.

ENGLISH

215. Japanese Literature in Translation.

GOVERNMENT

- 343. Foreign Governments III, The Far East.
- 381. International Politics of the Far East.

HISTORY

- 201. Oriental Civilization I.
- 202. Oriental Civilization II.
- 203. Oriental Civilization III.
- 301. Modern China.
- 302. Modern Japan.
- 303. Modern India.

JAPANESE

- 101, 102, 103. Elementary Japanese.
- 201, 202. Intermediate Japanese.
- 315. Japanese Literature in Translation.
- 320. Individual or Group Study.

PHILOSOPHY

- 306. Oriental Philosophy.

RELIGION

- 321. World Religions I.
- 322. World Religions II.

SOCIOLOGY

- 203. Societies Around the World.
- 406. Cultures of The Far East.

SPEECH

- 312. Oriental Theater.

The following courses are available to Monmouth College students at Knox College:

The History of East Asian Civilizations (History 241 and 242—two term sequence).
India and Southeast Asia (History 387).
China and Japan (History 388).
Great Ideas in the Non-Christian Religions (Religion 111).
Buddhism: An Historical-Phenomenological Analysis (Religion 310).
Comparative Governments of the Middle East (Political Science 219).
Comparative Governments of Asia (Political Science 317).

ECONOMICS AND BUSINESS ADMINISTRATION

JAMES R. HERBSLEB, *Professor, Chairman*

ISKANDAR NAJJAR, *Assistant Professor*

HELENE GANN, *Instructor*

ROGER A. VANOUS, *Instructor*

HOMER L. SHOEMAKER, *Lecturer*

DEPARTMENTAL MAJOR

- (a) A major in economics must include the following courses: 200, 201, 300, 301, 305, 306, 310, 311, 401, and Mathematics 106.
- (b) A major in business administration must include the following courses: 200, 201, 203, 204, 307, 308, 320, 321, 322, 401, and Mathematics 106.

200. Principles of Economics.

Micro-economics. The two-term sequence (Economics 200-201) is designed to equip the student with a fundamental and rigorous understanding of the methods and objectives of economic analysis.

201. Principles of Economics.

Macro-economics. Prerequisite: Economics 200, or consent of instructor.

203. Principles of Accounting.

This course does not presume any previous training in bookkeeping. It gives thorough acquaintance with the principles of accounting as applied to the corporate form of business enterprise.

204. Principles of Accounting.

A continuation of Economics 203 with emphasis on the interpretation of accounts as applied to both corporations and partnerships. Prerequisite: Economics 203.

205. Intermediate Accounting.

Individualized study, usually in a seminar, in various fields of accounting such as budgeting, cost, taxation, etc. Prerequisite: Economics 204.

206. Advanced Accounting.

A continuation of 205. Prerequisite: Economics 204.

300. Intermediate Price Theory.

An intensive view of modern price theory as it applies to individuals, firms and resource owners and their interaction in markets characterized by both perfect and imperfect competition. Prerequisite: Economics 200-201.

301. Intermediate Income Analysis.

A comprehensive view of modern theories of the determination of income and employment. Includes discussion of both Keynesian and post-Keynesian developments in income theory. Prerequisite: Economics 200-201.

302. Business and Government.

A study of basic industrial organization as it is altered by government regulation, particularly the regulation of monopoly and unfair business practices as spelled out in the law. Prerequisite: Economics 200-201.

303. Government and Labor.

A study of labor economics and the changing position of labor before the courts and government regulation of labor unions. Prerequisite: Economics 200-201.

305. Money and Banking.

A study of the history and theory of banking and the problems of monetary and fiscal policy. Prerequisite: Economics 200-201.

306. International Economics.

Analysis of our economic relations with other nations, relating to governmental policies in the area of trade and including economic development. Prerequisite: Economics 200-201.

307. Business Law.

An introduction to the development of our legal system and the organization of our courts. Involves analysis of cases and application of principles with a view to the appreciation of the involvement and development of law in our society. Prerequisite: Economics 200-201.

320. Investments and Finance.

Analysis of the various types of investment securities from the viewpoint of the investor, with attention to methods of corporation finance. Prerequisite: Economics 200-201, 204.

321. Principles of Management.

Study of general principles of business management with emphasis on transferability of management principles to all phases of business. Prerequisite: Economics 200-201.

322. Marketing.

Principles and problems in wholesaling, retailing, advertising, chain stores and mail-order merchandising; study of buying motives and commodity markets; methods in buying, selling, transportation, storage, pricing, and credit extension. Prerequisite: Economics 200-201.

308. Business Law.

A continuation of Economics 307, extending the analysis of the law into the realm of business organizations and property. Prerequisite: Economics 307.

310. Public Finance.

A study of the financing of government operations, including the problem of fiscal policy. Prerequisite: Economics 200-201.

311. History of Economic Thought.

A study of the development of major economic thought and doctrines. Emphasis upon Mercantilists, Physiocrats, Classical School, Adam Smith, J.S. Mill, Alfred Marshall, J.B. Clark, Thorstein Veblen, J.A. Hobson, J.M. Keynes, and others. Prerequisite: Economics 200-201.



345. American Economic History.

An analysis of the American economy from colonial times to the present, stressing the development of economic institutions and a study of the changes taking place in the methods of production and organization of enterprise. Emphasis on quantitative aspects of history. Prerequisite: Economics 200-201.

401. Independent Study.

402. Seminar.

The following courses are available to Monmouth students at Knox College:

The Economics of Transportation (Economics 329).

Computer Applications to Economic and Business Problems (Economics 312).

EDUCATION

BENJAMIN T. SHAWVER, *Professor, Chairman*

CHARLES E. WINGO, *Professor*

PAUL S. GEORGE, *Assistant Professor*

MARYLOU EBERSOLE, *Lecturer (part-time)*

VO N. LIN, *Lecturer (part-time)*

Courses in education are provided for students preparing to teach in elementary and secondary schools. Most of the students enrolling in education courses complete one of the following teacher preparation programs approved by the Illinois State Teacher Certification Board: Illinois Standard Elementary Certificate, Illinois Standard High School Certificate, or the Illinois Standard Special Certificate.

Students completing one of the State of Illinois approved programs will generally be able to qualify for certificates in other states. Advisers in the department of education are prepared to discuss the requirements of other states and steps to be taken in applying for certificates.

Elementary School Teacher Preparation Program

A student completing the program outlined on page and an A.B. degree at Monmouth College will be recommended to the Illinois State Certification Board under the approved program procedures for an Illinois Standard Elementary Certificate. This certificate is valid for teaching in grades kindergarten through nine in any public school district in Illinois except the city of Chicago.

High School Teacher Preparation Programs

State of Illinois approved programs for the Illinois Standard High School Certificate are available in:

| | | |
|---------------------------|--------------------|------------|
| Art | Geology | Physics |
| Biology | German | Psychology |
| Chemistry | History | Sociology |
| Civics, Political Science | Latin | Spanish |
| Economics | Mathematics | Speech |
| English | Music | |
| French | Physical Education | |

A student electing to complete preparation for the Illinois Standard High School Certificate, valid for teaching in grades six through twelve, fulfills departmental major, distributional (general education), professional education, and other requirements for the baccalaureate degree. The departmental major must include a minimum of 10 courses. High school certificate candidates should elect Psychology 101, in fulfilling one of the social science requirements inasmuch as this course is a prerequisite for Education 201, and is also one of the courses of the approved program.

History 110, Government 103, Government 104, or Government 300 should be elected in fulfilling one of the humanities or one of the social science requirements, inasmuch as a specific course in American History or American Government is a requirement for an Illinois teaching certificate.

The professional education requirements include Education 201, Education 202, Education 302 or a special methods course with content related closely to the major field; History 313 or Philosophy 211, and Education 401-402.

Special Certificate Programs

State of Illinois approved programs for the Illinois Standard Special Certificate are available in Art, Music, and Physical Education. These certificates are valid for teaching in grades kindergarten through fourteen. The departmental major, distributional (general education), and graduation requirements are the same as for the Illinois Standard High School Certificates in Art, Music, and Physical Education. The professional education requirements are different in that for the special certificate in each major the methods study and student teaching are planned with reference to the grades covered by the certificate.

201. Educational Psychology.

A study of theories of learning involved in educative processes and practices. Special attention is given to physical, social, mental, and emotional growth and development. Developmental procedures in readiness and motivation are considered. Prerequisites: Psychology 101 and candidacy for teacher preparation.

202. Guidance, Tests and Measurements.

Includes study of basic principles of guidance; test construction, administration, and interpretation; and fundamental statistical methods applied to testing. A variety of tests are analyzed; their use in elementary and secondary schools is considered. Prerequisites: Psychology 101 and candidacy for teacher preparation.

301. Teaching of Reading and Other Language Arts.

A study of theories, practices, and techniques of teaching reading and other language arts. Prerequisite: Education 201.

302. Secondary School Methods and Techniques.

A general methods course for high school teachers. This course includes a study of curriculum, unit and daily lesson planning, development of critical thinking, teaching for transfer, factors involved in discipline, and evaluation. Prerequisite: Education 201.

303. Teaching of Social Studies.

Methods, materials, and content with special emphasis on planning units. Especially for students preparing to teach social studies. Prerequisite: Education 201.

304. Teaching of Science.

A study of objectives, methods, and materials of science education. Plans to teach content from the natural sciences are made and implemented in elementary and high school classrooms. Prerequisite: a sequence of two terms in a laboratory science.

305. Individual or Group Study.

Study of special topics in education under the guidance of an instructor. Prerequisite: Approval of the chairman of the department. One-half to one course credit.

326. Teaching of Art and Children's Literature.

A lecture and laboratory course on problems of teaching art and literature in elementary classrooms. Prerequisite: junior or senior standing. Available on a half-course basis to students who have completed a course in children's literature and desire to enroll in the teaching of art, or vice versa.

400. Independent Study.

Investigation of special topics relevant to teaching and teacher preparation. Prerequisite: Approval of the chairman of the department.

401 & 402. Student Teaching.

Directed observation and supervised teaching in grades and/or subjects within the scope of the certificate sought. Each student works in a public school under the supervision of one or more co-operating teachers and a college supervisor from the Department of Education. Candidates for the special and high school certificates are supervised also by faculty representing their major fields. Prerequisite: Approval of Teacher Education Committee.

405. Urban Education Seminar.

A study of the objectives, organization, programs, and problems of schools in large urban centers. Registration limited to appointees to Urban Semester Program of the Associated Colleges of the Midwest.

Courses below are offered by other departments and cross-referenced by the Department of Education. Descriptions are found under the departments indicated.

English 430. Teaching of Secondary School English.

French 460. Methods of Teaching French.

German 460. Methods of Teaching German.

History 313. History of Education.

Latin 435. Teachers' Course in High School Latin.

Mathematics 110, 111. Essentials of Mathematics I and II.

Music 312. Teaching Music in the Elementary Schools.

Philosophy 211. Philosophy of Education.

Physical Education 211. Elementary School Physical Education.

Psychology 225. Developmental Psychology.

Psychology 303. Abilities.

Psychology 305. Psychology of Learning.

Spanish 460. Methods of Teaching Spanish.

ENGLISH

GARY D. WILLHARDT, *Assistant Professor, Acting Chairman*

ADELE KENNEDY, *Associate Professor*

RICHARD S. LEEVER, *Associate Professor*

JEREMY McNAMARA, *Associate Professor*

GRACE H. BOSWELL, *Assistant Professor*

MURRAY B. MOULDING, *Instructor*

JOHN C. GRAHAM, *Instructor*

CALVIN W. EVANS, *Instructor*

JANET W. DeYOUNG, *Lecturer (part-time)*

LAURA B. MOFFET, *Lecturer (part-time)*

DEPARTMENTAL MAJOR

It is expected that each major will work out a meaningful individual program with his adviser. This program must contain a minimum of nine courses beyond English 101. A maximum of two survey courses (English 201, 202, 204, 205) can be counted toward the major. One of the courses must be at the 400 level (English 403, 410, 450, 451, or 456).

101. Composition.

This course is devoted to the study and application of basic expository techniques. Weekly themes are written. Required of all freshmen.

105. Introduction to Fiction.

An introduction to the analysis of the short story, the novella, and the novel.

106. Introduction to Poetry.

An introduction to the analysis of poetry as a genre.

Note: The general prerequisite for the following courses is English 101.

201. Survey of British Literature.

Major British writers from Chaucer to 1800.

202. Survey of British Literature.

Major British writers from 1800 to the present.

204. Survey of American Literature.

Major American writers from the colonial period to 1880.

205. Survey of American Literature.

Major American writers from 1880 to the present.

209. European Drama.

A study of drama as a type of literature and a critical reading of Continental plays from Aeschylus to Ibsen. Emphasis on the literary qualities and social significance of the plays.

210. Creative Writing.

Practice in the analysis of fictional and poetic forms and in the writing of fiction and poetry. Students who wish to enroll in this course should submit examples of their writing and obtain permission from the instructor.

211. Russian Literature in Translation.

A study of representative Russian novels and short stories by the major authors of the 19th and 20th centuries (Chekhov, Dostoevski, Gogol, Pasternak, Sholokhov, Tolstoi, Turgenev) against the political and social backgrounds of their times.
Not offered in 1970-1971.

215. Japanese Literature in Translation.

A study of selections from Japanese literature with special reference to Western impact on its development. See Japanese 315.

221. Classical Mythology.

See Classical Civilization 221.

Note: This course may be counted toward the fulfilling of the Humanities Divisional requirement, but not toward a major in English.

225. Black Literature.

A survey of the works of Black American authors beginning with pre-Civil War slave narratives to the present. It includes poetry, short stories, novels, and drama, as well as the expository writing of such men as Washington, DuBois, Wright, Baldwin, Malcolm X and Cleaver.

301. Modern British Prose.

Leading British writers and movements of the last 30 years.

302. Chaucer.

A study of Chaucer's England, his language, and his writing, especially The Canterbury Tales.

Not offered in 1970-1971.

303. Medieval English Literature.

English literature, excluding Chaucer, to 1500.

304. Romanticism in American Literature.

A study of selected poets and prose writers representative of American romanticism.

305. Realism and Naturalism in American Literature.

A study of selected poets and prose writers representative of American realism and naturalism.

306. 19th Century American Novel

A study of the novels of Cooper, Hawthorne, Melville, Twain, James, Howells and Crane.

307. The English Novel.

The English novel from the 18th century to the early 20th century.

308. 20th Century American Novel.

A study of the novels of Dreisen, Cather, Lewis, Dos Passos, Fitzgerald, Hemingway, Faulkner, and Steinbeck.

309. Contemporary Literature.

A study of poetry and fiction from World War II to the present. Emphasis on American Literature.

310. Advanced Creative Writing.

One-third credit per term. Can be taken up to three times. Prerequisite: English 210 and permission of instructor.

313. The English Romantic Movement.

A study of British poetry and prose of the Romantic period.

314. History of the English Language.

A study of the historical development of the English language, including some attention to internal history—sounds and inflections—as well as to external history—political, social, and intellectual movements and forces that have affected the development of the language at different periods.

315. Advanced Exposition.

Practice in the analysis of expository techniques and in the writing of expository prose, with special attention in conference to individual writing problems.

318. Victorian Literature.

A study of British poetry and prose of the Victorian period.

321. Renaissance Poetry.

British poetry from Wyatt to Milton.

322. 18th Century Literature. A study of British literature from 1700 to 1800.

323. Restoration Literature.

A study of British literature from 1660 to 1700.

361. Shakespeare.

A study of the comedies and history plays.

362. Shakespeare.

A study of the tragedies and romances.

363. Renaissance Drama.

A study of British drama from 1580 to 1642.

403. Modern Poetry: British and American.

A study of 20th century British and American poetry. The course is conducted as a seminar with emphasis on literary movements and social significance. Prerequisite: senior standing and consent of the instructor.

410. Modern Drama.

A study of Continental, British, and American drama from Ibsen to the present. Emphasis on major movements: Realism, Impressionism, Expressionism, Existentialism.

430. Methods of Teaching English in the Junior and Senior High School.

A study of the basic approaches to the teaching of poetry, fiction and drama and their application in the classroom. Some attention will also be devoted to the teaching of grammar and composition. Prerequisites: completion of the required Education courses, with the exception of student teaching, and consent of the instructor.

450. Independent Study.

Students should arrange with individual instructors for independent study projects.

451. Honors Seminar.

This course will normally be taught in the second term and is a prerequisite for students seeking an honors degree in English. Enrollment in the course is by application to the English department only.

456. Literary Criticism.

A seminar in the major examples of literary criticism from classical times to the present.

GEOLOGY

DONALD L. WILLS, *Associate Professor, Chairman*

LYMAN O. WILLIAMS, *Associate Professor*

GLEN K. MERRILL, *Assistant Professor*

DEPARTMENTAL MAJOR

Professional Preparation

Students planning to undertake a professional career in geology must complete the following requirements:

- (a) A minimum of eight term courses in geology of which at least three must be at or above the 300 level.
- (b) A minimum of one term course above the introductory level in biology, chemistry or physics.
- (c) A minimum of two term courses in mathematics. Students interested in mineralogy and petrology should complete the calculus sequence. Students interested in stratigraphy and paleontology should take statistics and computer science.
- (d) Students desiring to graduate with honors must take Geology 406.

Earth Science Teacher

The State of Illinois offers two options for Earth Science Teachers:

- (a) Teaching of Physical Science
- (b) Teaching of General Science

(See Education Department section for requirements for certification.)



DIVISIONAL OR TOPICAL MAJOR IN ENVIRONMENTAL GEOLOGY

Students interested in environmental problems may select this option as preparation for careers in environmental science. Further information about this option can be obtained from the departmental chairman.

101. Physical Geology.

An introduction to the science of the earth. Materials composing the earth and the work of agencies both external and internal modifying its surface. Laboratory and field trips to areas of geologic interest. Open to all students.

102. Historical Geology.

A comprehensive review of what is known and inferred about the history of the earth from its beginning to the present. Laboratory and field trips to areas of geologic interest. Prerequisite: Geology 101.

104. Environmental Geology I: Earth Materials and Processes.

Investigation of earth materials and processes as natural systems and the ways that modifications of them produce hazards and pollution. The subject is approached through lectures, readings, discussions, laboratory, and field experiences.

105. Environmental Geology II: Resource Management .

Study of the interaction of man and his environment to discover how he can best conduct his affairs to produce minimal change and harm to his environment. The subject is approached through lectures, readings, discussions, laboratory, and field experiences.

106. Environmental Geology III: Geohydrology.

Physical and chemical properties of water; water in the atmosphere, lithosphere and biosphere; interaction of man and the hydrosphere, use and conservation of water. Material is presented by members of the Biology, Chemistry and Physics Departments as well as the Geology staff. The subject matter is approached through lectures, readings, discussions, laboratory and field exercises.

212. Mineralogy.

Crystallography, crystal chemistry, and descriptive mineralogy; mineral occurrences, associations and uses. Prerequisite: Chemistry 111 or concurrent registration.

222. General Paleontology I.

Fundamental treatment of the basic concepts of paleontology. Systematic consideration of morphology, taxonomy, and stratigraphic occurrences of invertebrate fossils, Protozoa through Brachipoda. Prerequisite: Geology 102 or consent of instructor.

223. General Paleontology II.

Continuation of Geology 222: Mollusca through Echinodermata. Prerequisite: Geology 222.

233. Geological Techniques.

Study of instruments and their use for measuring earth phenomena. Frequent field trips, some on weekends, spring vacation and/or on holidays to areas of geologic interest.

302. Stratigraphy.

Principles of stratigraphy; genetic relations and correlation of rock and time rock units. Prerequisite: Geology 102 and/or consent of the instructor.
(alternate years)

304. Optical Mineralogy.

A study of the behavior of light as it interacts with the atomic structure of crystals; isotropic, uniaxial and biaxial minerals are studied using the polarizing microscope. Prerequisite: Geology 212.

311. Structural Geology.

Character, classification, and origin of rock structure. Prerequisites: Geology 102, first-year physics.
(alternate years)

322. Geomorphology.

Consideration of the fundamental concepts of the origin and development of land forms. One of the major tasks in the course will be to utilize quantitative methods of landform analysis. Prerequisite: Geology 102.
(alternate years)

323. Sedimentary Petrology.

The study of castic and carbonate rocks in thin section and hand specimen. Prerequisite: Geology 304.

324. Igneous and Metamorphic Petrology.

The study of igneous and metamorphic rocks in thin section and hand specimen. Prerequisite: Geology 304.

333. Paleoecology.

Interpretation of life habit of fossil organisms from skeletal morphology and associated depositional features; consideration of interrelationships of organisms with their physical and biologic environment; emphasis will be placed upon reconstruction of the original biotic communities from fossil evidence. Prerequisites: Geology 222, 223, 323, and 302 or consent of instructor.

406. Independent Study.

Individual research and readings. May include senior thesis. Required of all candidates for graduation with departmental honors. May be repeated for credit. Prerequisites: consent of instructor.

407. Seminar.

Topical seminar with selected readings, written preparations and/or oral presentations. May be repeated for credit. Prerequisite: consent of the instructor.

The following courses are available to Monmouth students at Knox College:

Physiography of Eastern United States (Geology 201).

Physiography of Western United States (Geology 202).

X-Ray Diffraction and Fluorescence (Geology 306).

Geology Seminar (Geology 321).

GOVERNMENT

ROY M. McCLINTOCK, *Associate Professor, Chairman*

CECIL C. BRETT, *Associate Professor*

CHI Y. LIN, *Assistant Professor*

DEPARTMENTAL MAJOR

A minimum of eight courses, including Government 103 and 104, 341 or 342 or 343, 351 or 352, and 404.

103. Introduction to American National Government.

A study of the federal government and its constitutional development.

104. State and Local Government and Politics.

A study of the political institutions of the 50 states and their subdivisions (counties, townships, cities, etc.); also, the Constitution of Illinois, to meet one of the Illinois requirements for teachers. This course is a sequence to Government 103, although both can be taken independently.

300. Government in Action.

A study of the theory, structure and operation of the federal government through lecture, reading and directed observation in Washington, D.C. as part of Washington House Program.

302. Business and Government.

See Economics 302.

303. Government and Labor.

See Economics 303.

310. Public Finance.

See Economics 310.

311. Party and Pressure Politics.

A study of the problems and conduct of elections and primaries in the United States. Special studies are made of current political campaigns. Prerequisites: Government 103 and 104, junior standing or consent of the instructor.
(alternate years)

341. Foreign Governments, I.

A study of the new theoretical trend in comparative politics, and government and politics in England. Prerequisites: Government 103 or 104. Junior standing or consent of the instructor.

342. Foreign Governments, II.

A study of government and political activity in France, West Germany, and the USSR. Prerequisites: Government 103 or 104. Junior standing or consent of the instructor.

343. Foreign Governments, III.

A study of government and political activity in China, Japan, and India and Asia in general.

351. Political Theory to the 18th Century.

A historical survey and philosophical analysis of political theory from ancient Greece to the 16th century. Required reading from Plato, Aristotle, Machiavelli, and others. Prerequisites: History 102, or Government 103 or 104.

352. Modern Political Theory.

A continuation of Government 351, from the 17th century to the present. Required reading from Hobbes, Locke, Rousseau, Burke, Mill, and Communist and Socialist theorists. Prerequisites: History 102, or Government 103 or 104.

360. Public Administration.

A study of the nature, scope, and development of the American administrative system, the theory of organization, staff and auxiliary agencies, chief executive, administrative departments, independent regulatory agencies, government corporations, administrative relationships, and science in administration. Prerequisite: Government 103 or 104. (alternate years)

361. Legislatures and Legislation.

A study of the legislative process, methods of getting information, public opinion, and special interest. Prerequisite: Government 103 or 104. Junior standing.

380. World Politics.

A study of states in relation to each other; as friends, rivals, contestants; the influence of nationalism, economic rivalry, power politics; causes of conflict, means of resolving conflict and avoiding war. Prerequisite: Government 103 or 104 or History 103.

381. International Politics of the Far East.

Background of Far Eastern international relations. World War II and its aftermath. Nationalism. The bi-polar conflict in Asia. The politics of neutralism or non-alignment. U.S. policy in Asia.

385. American Foreign Policy.

An analysis of the policy making process, the instruments of policy, and the world environment confronting American Foreign Policy makers in the periods since World War II. Prerequisite: Government 103, 104; and 380 or 381. (alternate years)

395. American Constitutional Law I.

A study of the federal system and the federal government as developed through judicial interpretation of the Constitution. Prerequisite: Government 103, 104 or consent of the instructor. Junior standing.

396. American Constitutional Law II.

Civil Rights, a study of judicial interpretation of the Federal Bill of Rights, and the 14th Amendment. Prerequisite: Government 103, 104 or consent of the instructor. Junior standing.

401. Independent Study.

Selected reading, written reports, conferences. Prerequisite: junior or senior standing. By arrangement with the instructor.

404. Senior Seminar.

Required of all majors in government. A schedule of reading, reports, and discussions designed to give a broad knowledge of the literature in the discipline of political science.

The following courses are available to Monmouth students at Knox College:

Foreign Policy of the Soviet Union (Political Science 216).

Jurisprudence (Political Science 302).

International Law and Organization (Political Science 312).

Problems in Administration (Political Science 322).

Opinion and Public Policy (Political Science 332).

Theory of Political Development (Political Science 345).

HISTORY

WILLIAM L. URBAN, *Assistant Professor, Chairman*

F. GARVIN DAVENPORT, *Professor (On Leave Third Term 1970-1971)*

CECIL C. BRETT, *Associate Professor*

MARY B. CROW, *Assistant Professor (On Leave First Term 1970-1971)*

DOUGLAS R. SPITZ, *Assistant Professor*

GEORGE D. TSELOS, *Assistant Professor*

DEPARTMENT MAJOR

- (a) A minimum of 10 courses, including 100, 110, 300 and 408. One course in either Afro-American or Asian history is recommended.
- (b) Additional requirements as determined by the department.

100. Introduction to the Study of History.

The nature of history; its uses and limitations. The philosophy and methodology of history. *Required of all majors.*

Required of all majors.

102. Western Civilization.

A survey of social and political developments in European civilization from the Renaissance to the end of the Napoleonic Era.

103. Western Civilization.

A continuation of 102 but may be taken separately. The main political, social and economic forces in Europe since 1815.

110. Great Issues in United States History.

A study of selected problems and crises in the history of the United States beginning with the American Revolution. Required of history majors. Should be taken in either the freshman or sophomore year.

201. Oriental Civilization I.

Asian history and culture before 1600.

202. Oriental Civilization II.

A continuation of 201 but may be taken separately.

203. Oriental Civilization III.

The culture and social institutions of modern Asia. Selected topics government, philosophy and the arts. The impact of Western civilization. May be taken separately.

211. History of Greece.

Classical Greece. Concentration on Ancient historians and their works. Open to all students.

212. History of Rome.

An interpretation and evaluation of Roman civilization with special emphasis on the late Roman Republic. Open to all students.

222. Medieval History.

Topics in medieval life, politics and culture. Open to all students.

223. The Renaissance.

Social and political life with considerable attention to the cultural contributions of the period. Open to all students.

234. 19th Century Europe.

The industrial revolution, the growth of democracy, nationalism, and imperialism from 1815 to 1890. Open to all students.

235. 20th Century Europe.

Main issues in European history from 1890 to the present with emphasis on Germany as the focal point of European politics. Open to all students.

241. History of Great Britain I.

English political and social development from the earliest times to the mid-17th century. Open to all students.

242. History of Great Britain II.

A continuation of 241 but may be taken separately. The modern parliament, political and social reform. Britain in the 20th century. Open to all students.

282. Afro-American History I.

History of American black people with the emphasis on the period before 1865. Open to all students.

283. Afro-American History II.

A continuation of 282 but may be taken separately. Covers events from the Reconstruction era to the contemporary civil rights movement and black militancy. Open to all students.

301. Modern China.

From 1800 to the present. Emphasis on the impact of the West on China.

302. Modern Japan.

Social, economic, and political development of modern Japan. Emphasis on the Japanese response to problems posed by contacts with the Western world.



303. Modern India.

A study of political, social, and economic factors, with special attention to the impact of British colonialism and the independence movement on traditional institutions.

313. History of American Education.

The evolution of the public school and higher education. Emphasis on problems of the 20th century. This course cannot be used for either distribution or major requirements. Open only to juniors and seniors in the teacher training program.

351. Social and Intellectual History of the United States.

Emphasis is placed on the social and cultural forces of the 19th century which laid the foundation for 20th century social patterns. Not open to freshmen.

353. 20th Century America.

A study of the political and social movements in the United States from about 1890 to the present. Not open to freshmen.

PRO-SEMINARS

349-350. Studies in European History.

Tudor-Stuart England, The Reformation, or French Revolution will be offered on a rotating schedule. Topics will be announced in advance of registration. The course may be repeated for credit as the topic changes. Open to majors and qualified non-majors.

359-360. Studies in American History.

Colonial Civilization, the American South, or the Civil War will be offered on a rotating schedule. Topics will be announced in advance of registration. The course may be repeated for credit as the topic changes. Open to majors and qualified non-majors.

SEMINARS AND INDEPENDENT STUDY

300. Junior Seminar.

A research seminar required of all majors in the junior year.

402. Independent Study in Afro-American History.

For qualified majors and non-majors. Prerequisite: either History 282 or 283 and the consent of the instructor.

408. Independent Study.

Required of all majors. Topics are selected from one of the following fields: the United States, Western Europe, Russia and Eastern Europe, or Asia. Prerequisite: History 300 and the consent of the instructor. May be repeated for credit.

There are several history courses available to Monmouth students at Knox College.

MATHEMATICS

R. D. BOSWELL, JR., *Professor, Chairman*

PAUL CRAMER, *Associate Professor*

JAMES H. McALLISTER, *Associate Professor*

JOHN D. ARRISON, *Assistant Professor*

DAVID L. EHLERT, *Assistant Professor*

JOHN C. NICHOLS, *Assistant Professor*

FERN W. CRAMER, *Lecturer (part-time)*

DEPARTMENTAL MAJOR

- (a) A minimum of: Mathematics 151, 152, 251, 252, 254, 301, 302, 311, 312, and a seminar or independent study course. A reading knowledge of French, German, or Russian is required.
- (b) Students who complete the teacher certification requirements may obtain a major in mathematics consisting of at least 10 term courses including mathematics 151, 152, 251, 311, 312, 316, or 401, and a seminar or independent study course. A reading knowledge of French, German, or Russian is recommended.

Note: No course numbered below 151 will be counted toward a major in mathematics.

100. Introduction to Mathematics.

The number system, sets, axioms, classical and modern geometry, functions and graphs. This course is designed for the general liberal arts students and is not open to those who have previously passed a college mathematics course.

103. Introduction to Computer Programing.

One-third term course credit.

105. Mathematics of Finance.

Interest, discount, annuities, amortization, sinking funds, bonds, depreciation, elements of actuarial science.

106. Elementary Statistics.

A study of central tendency and variability; frequency, binomial, normal and chi-square distributions; correlation and regression; analysis of variance and applications in related fields.

110. Essentials of Mathematics I.

Fundamental operations with natural numbers, inequalities, decimal numbers, percentage, measurement, irrational numbers. Enrollment limited to students preparing to teach elementary school mathematics.

111. Essentials of Mathematics II.

A continuation of Mathematics 110 with emphasis on the structure of the real number system and its sub-systems; topics from elementary geometry. Prerequisite: Mathematics 110.

121. Geometry for Elementary Teachers.

Introduction to plane and solid geometry with particular emphasis on geometric concepts which can be introduced in elementary and junior high school. Enrollment limited to students preparing to teach elementary school mathematics.

131. Principles of Mathematics.

Review of some topics in algebra, functions, trigonometric functions and systems of equations. This course is designed as a pre-calculus course for those who are not proficient in algebra and trigonometry. Prerequisite: two and one-half units of high school mathematics.

151. Analytic Geometry and Calculus I.

Elements of analytic geometry and of the calculus of functions of one variable. Prerequisite: three and one-half units of high school mathematics or Mathematics 131.

152. Analytic Geometry and Calculus II.

Continuation of Mathematics 151. Prerequisite: Mathematics 151.

251. Analytic Geometry and Calculus III.

Continuation of Mathematics 152. Prerequisite: Mathematics 152.

252. Analytic Geometry and Calculus IV.

Partial derivatives, multiple integrals, introduction to differential equations. Prerequisite: Mathematics 251.

254. Differential Equations.

An introduction to ordinary differential equations and their applications. Prerequisite: Mathematics 252.

301. Advanced Calculus.

A theoretical development of the calculus of one and several variables including topological concepts, limit theorems, differentiation, integration, series, pointwise convergence and uniform convergence. Prerequisite: Mathematics 252.

302. Advanced Calculus.

Continuation of Mathematics 301. Prerequisite: Mathematics 301.

306. Applied Mathematics.

Vector analysis, Laplace transform, numerical solutions of ordinary differential equations, partial differential equations, boundary value problems, problems from mathematical physics. Prerequisite: Mathematics 254.

307. Applied Mathematics.

Continuation of Mathematics 306. Prerequisite: Mathematics 306.

311. Introduction to Modern Algebra.

Rings, integral domains, fields, groups, determinants, and matrices. Prerequisite: Mathematics 152.

312. Introduction to Modern Algebra.

A continuation of Mathematics 311. Prerequisite: Mathematics 311.

315. Theory of Numbers.

The properties of the whole numbers, divisibility, diophantine equations, prime numbers, congruences, residues, additive number theory. Prerequisite: Mathematics 152.

316. Introduction to Geometry.

Foundations of plane geometry, geometric constructions, use of loci, fundamental theorems, the harmonic range, systems of circles, inversion. Prerequisite: Mathematics 152.

339. Probability and Statistics.

Probability, mathematical expectation, sampling, distribution, testing hypotheses, regression and correlation, analysis of variance. Prerequisite: Mathematics 252.

340. Probability and Statistics.

Continuation of Mathematics 339. Prerequisite: Mathematics 339.

341. Functions of a Complex Variable.

Algebra of complex numbers, limits, differentiation, analytic functions, integration, series, residues, conformal mappings. Prerequisite or co-requisite: Mathematics 302.

401. Projective Geometry.

An axiomatic approach to projective geometry. Prerequisite: Mathematics 152.

411. Introduction to Topology.

Metric spaces, general topological spaces, compactness, separation and connectedness. Prerequisite: Mathematics 302.

412. Introduction to Topology.

Continuation of Mathematics 411. Prerequisite: Mathematics 411.

421. Independent Study and Seminar.

Selected topics in advanced mathematics. Prerequisite: Mathematics 312.

422. Independent Study and Seminar.

A continuation of Mathematics 421.

Engineering 101. Engineering Drawing and Descriptive Geometry.

Use of instruments, orthographic projections, dimensioning, sectioning, and pictorial drawing. Representation of points, lines, planes, and curved surfaces with applications.

Engineering 203. Surveying.

Plane and topographical surveying with field work in the use of tape, level, and transit. Prerequisite: Mathematics 131 or the equivalent.

Engineering 207. Analytic Mechanics.

Statics coplanar or forces in space, centroid center of gravity, friction, moment of inertia, introduction to dynamics. Prerequisites: Mathematics 152, Physics 103.

The following courses are available to Monmouth students at Knox College:

Numerical Analysis (Mathematics 323).

Introduction to Real Analysis (Mathematics 334).

Foundations of Mathematics (Mathematics 327).

MODERN FOREIGN LANGUAGES

HARRY W. OSBORNE, *Professor of French, Chairman*

EDENIA GUILLERMO, *Associate Professor of Spanish*

PHILIP COVENTRY, *Instructor of Spanish*

HELEN V. FRITSCHI, *Instructor of German*

ROBERT A. GORDON, *Instructor of Spanish*

LYLE E. LARSON, *Instructor of Japanese*

C. MARGARET THONNERIEUX, *Instructor of French*

KAREN M. WOODWARD, *Instructor of French*

MICHAEL YAREMKO, *Lecturer in German*

DEPARTMENTAL MAJOR

- (a) A minimum of eight term courses beyond 101-102 covering the significant periods of the literature. Proficiency in the spoken and written language, evidence of ability to develop a linguistic or literary subject involving research, organization, and critical judgment through at least one independent study course.
- (b) Senior seminar.
- (c) Foreign language selected as a teaching minor by majors in other departments: four term courses beyond the elementary level and satisfactory proficiency in the spoken and written languages.

Students are encouraged, under the guidance of the department, to participate in an accredited foreign study program. Candidates for foreign study must be approved by the department and programs must be planned well in advance.

On the basis of placement examinations, recommendations for courses are made to students who wish to continue a language studied in high school. A proficiency examination provides a means of meeting the foreign language requirement for graduation.

FRENCH

101. Elementary.

Introduction to spoken and written French. Attention to pronunciation with practice in using the language. Laboratory facilities provide authentic speech patterns. This course builds a foundation for reading the language.

102. Elementary.

A continuation of 101.

201. Intermediate.

Selected readings of modern literature, with conversational approach. Continued emphasis on oral and written expression aided by laboratory practice.

203. Introduction to French Literature.

Follows 201. This course is a continuation of a study of the language not, however, through the use of a conventional grammar and reader but by means of an examination of great works of literature in that language. In the study of masterpieces of literature, the concern will be with both form and content, with language and meaning.

299. Written and Oral Practice.

A study of French language structure beyond the intermediate level. Grammar, written and oral composition and insistence on accuracy of expression. Prerequisite: French 201.

310. Advanced Composition and Conversation.

An advanced course in the study of French grammar, composition, style, and phonetics. Prerequisite: French 299 or permission of the chairman.

311. The Evolution of French Literature. Part I.

A chronological study of French literature from the Middle ages to the end of the 18th century. The goal of this course is to present a chronological picture of the development of French letters with special attention to the seminal ideas, the main streams of development, and the various literary schools whose theories have played such an important role in the history of French culture. Prerequisite: French 203 or 299. (alternate years)

312. The Evolution of French Literature. Part II.

A chronological study of French literature from the beginning of the 19th century to the present day. A continuation of French 311. Prerequisite: French 203 or 299. (alternate years)

313. French Poetry from the Middle Ages to the Present Day.

A study of the main currents in the development of poetry since the 15th century and a detailed study of representative works of the most significant French poets. Prerequisite: French 203 or 299. (alternate years)

314. French Drama from the Renaissance to the Present Day.

A study of the main currents in the development of the French theater from the time of the Pleiade to the present day and a detailed study of representative works of the most significant French dramatists. Prerequisite: French 203 or 299. (alternate years)

315. The French Novel from the 17th Century to the Realist Movement.

A study of the main currents in the development of the French novel and a detailed study of representative works of the most significant French novelists from 1600 to 1850. Prerequisite: French 203 or 299. (alternate years)

316. The French Novel from the Realist Movement to the Present Day.

A study of the main currents in the development of the French novel and a detailed study of representative works of the most significant French novelists from 1850 to the present day. Prerequisite: French 203 or 299. (alternate years)

320. Individual or Group Study.

Specialized study, under guidance of the instructor, of certain aspects or periods of French literature i.e., Medieval literature, the "Encyclopedist," French lyrics, memoirs and letters.

400. Senior Seminar.

Topics in French literature, changing with instructor and class. May emphasize a period, a genre, an author, or a recurrent theme. Will attempt to focus the student's experiences in the field. Prerequisite: two French literature courses, and junior or senior status. Required of all majors.

401. Independent Study.

Individual research problems under the guidance of the instructor.

460. Methods of Teaching Modern Foreign Languages.

Discussion, observation, and practice in the field of foreign language teaching. Introduction to phonetics and linguistics. Attention given to teaching in elementary grades and practice with audio-visual aids.
(alternate years)

GERMAN

101. Elementary.

An introduction to the German language, with emphasis on pronunciation and comprehension. Laboratory practice supplements classroom instruction. A foundation for reading and writing the language.

102. Elementary.

A continuation of 101.

201. Intermediate.

Extensive reading of modern literature. Continued attention to written expression through diary, letter, and essay writing; further practice in conversation through class and laboratory work. Acquaintance with essential aspects of German culture, through such media as monthly German newsreels.

203. Introduction to German Literature.

Follows 201. This course is a continuation of a study of the language not, however, through the use of a conventional grammar and reader but by means of an examination of great works of literature in that language. In our study of masterpieces of literature, we will be concerned with both form and content, with language and meaning.

299. Composition and Conversation.

Concentrated training in fluent written and oral expression. Introduction to diary and letter writing. Prerequisite: German 201.

301. German Literature from Naturalism to the Present.

A study of major figures and movements in German literature of the 20th century. (Friedrich Nietzsche to Kafka; Stefan George to Gottfried Benn; Gerhart Hauptmann to Bertholt Brecht). Attention will be also directed to the relation between literature and the socio-political history of the period. Prerequisite: German 203 or 299.

302. German Literature of the 19th Century.

Poetry and the "Novelle" during the period 1830-1880. Critical reading of selected works by Droste-Hulshoff, Goethe, Heine, Kleist, C.F. Meyer, Morike, Storm and others. Prerequisite: German 203 or 299.

303. German Romanticism.

A study of selections from the major writers of the Romantic Movement in Germany. Critical definitions of Romanticism and romantic theories of literature in connection with careful analysis of representative texts. (Tieck, die bruder Schlegel, Novalis, Brentano, Arnim, Eichendorff, E.T.A. Hoffman and Heine.) Prerequisite: German 203 or 299.

307. Goethe, Schiller and the Development of German Classicism.

An introduction to the life and works of Goethe and Schiller with special reference to the emergence of Weimar Classicism. Prerequisite: German 203 or 299.

310. Advanced Composition and Conversation.

Introduction to the writing of expository prose in German with special attention to individual writing problems. Analysis and discussion of topics. Emphasis on free composition. Prerequisite: German 299 or permission of the chairman.

320. Individual or Group Study.

Specialized study, under guidance of the instructor, of certain aspects of German literature and scientific and philosophical writings. Prerequisite: a German 300 course or consent of the instructor.

400. Senior Seminar.

Topics in German literature, changing with instructor and class. May emphasize a period, a genre, an author, or a recurrent theme. Will attempt to focus the student's experiences in the field. Prerequisite: two German literature courses, and junior or senior status. Required of all majors.

401. Independent Study.

Individual research problems under guidance of the instructor. Preparation for studies in Germany.

460. Methods of Teaching German.

See French 460.

JAPANESE

101. Elementary.

An introduction to standard Japanese, with emphasis on structural characteristics of the language. Laboratory exercises provide drills in pronunciation and practice in listening, comprehending and speaking.

102. Elementary.

A continuation of 101, with introductory work in written Japanese.

103. Elementary Conversation and Composition.

Review of the essentials of Japanese grammar covered in Japanese 101 and 102 with extensive drills and practice in speaking, comprehending, reading, and writing. The aim of the course is a synthetic understanding of the structure of the language rather than an analytical one.

201. Intermediate.

Continued emphasis on the oral and written language. Readings from Japanese authors with audio-visual aids.

202. Intermediate.

A continuation of 201.

315. Japanese Literature in Translation.

See English 215. A study of selections from Japanese literature with special reference to Western impact on its development.

320. Individual or Group Study.

Specialized study under guidance of instructor of selected phases of Japanese literature. Oral approach.

SPANISH

101. Elementary

An introduction to Spanish as a spoken and written language. Regular practice in the classroom and laboratory in hearing and imitating current, realistic speech. Four-fold aim of speaking, comprehending, reading and writing the language.

102. Elementary.

A continuation of 101.

201. Intermediate.

Continued emphasis on the spoken and written languages, aimed toward adequate oral and written expression. Readings from modern literature, with analysis and interpretation. Acquaintance with cultural aspects of Spain and Spanish America.

203. Introduction to Spanish Literature.

Follows 201. This course is a continuation of a study of the language not, however, through the use of a conventional grammar and reader but by means of an examination of great works of literature in that language. In our study of masterpieces of literature, we will be concerned with both form and content, with language and meaning.

299. Written and Oral Practice.

Spanish language structure beyond the intermediate level; conversation based on readings; written composition aimed towards accuracy of expression, use of tapes and discs. Prerequisite: Spanish 201.

303. Generations of 1898 and 1914.

Ganivet, Costa, Unamuno, Azorin, Maeztu, Menendez-Pidal, los Machado; Ortega, D'Ors, Perez de Ayala, Miro, Gomez de la Serna, Benavente. Prerequisite: Spanish 203 or 299. (alternate years)

304. Contemporary Spanish Literature.

Generation of 1927 (Lorca, Diego, Alberti, Guillen, Aleixandre, Salinas, Cernuda, Damaso, Alonso, Hernandez); and brief appraisal of Post-Civil War Literature (Cela, Matute, Goytisolo, Gironella, Celaya, Otero). Prerequisite: Spanish 203 or 299. (alternate years)

307. Spanish-American Novel of the 20th Century.

Analytical readings of selections from the works of Azuela, Guiraldes, Gallegos, Rivera, Barrios, Mallea, Borges, Prado, Rulfo, Rojas, Sabato. Prerequisite: Spanish 203 or 299. (alternate years)

308. Contemporary Spanish-American Poetry.

From Dario to the present. Prerequisite: Spanish 203 or 299. (alternate years)

309. Spanish American Theater and Essay of the 20th Century.

A study of the selected works by Rodo Vasconcelos, Reyes, Pecon Salas, Mallea, Borges, Arciniegas, Manach and other outstanding essayists; a study of selected plays by Florencio Sanchet, Usigil, Osorio, Gorostiza, and other contemporary Spanish-American playwrights. Prerequisite: Spanish 203 or 299.
(alternate years)

310. Advanced Composition and Conversation.

Concentrated training in the use of the Spanish language, both in its written and oral expression. Prerequisite: Spanish 299 or permission of the chairman.

320. Individual or Group Study.

Specialized study under guidance, of certain aspects of Spanish literature, i.e., Romancero, picaresque novel, Golden Age drama; or of Spanish-American literature, i.e., literature of the colonial period, modern essay, novels of the Mexican Revolution, Masterpieces of Spanish-American literature.

Note: Students who have taken 301 and 302 will not be eligible for 351, 352. A student who has had only 301 or 302 may take either or both of the new courses.

350. Spanish Prose.

The development of Spanish prose from the Middle Ages through the 19th century, as seen in selected masterworks. Prerequisite: Spanish 203 or 299.

351. Spanish Theater and Poetry.

The development of Spanish drama and poetry from the Middle Ages through the 19th century, as seen in selected masterworks. Prerequisite: Spanish 203 or 299.

400. Senior Seminar.

Topics in Hispanic literature, changing with instructor and class. May emphasize a period, a genre, an author, or a recurrent theme. Will attempt to focus the student's experiences in the field. Prerequisite: two Spanish literature courses, and junior or senior status. Required of all majors.

401. Independent Study.

Individual research problems under guidance of the instructor.

460. Methods of Teaching Spanish.

See French 460.
(alternate years)

Note: Courses in Russian are available to Monmouth students at Knox College.

MUSIC

HEIMO A. LOYA, *Professor, Chairman*

ELWOOD H. BALL, *Assistant Professor*

RICHARD L. GRIFFITHS, *Assistant Professor*

PETER S. HILL, *Instructor*

MICHAEL E. SPROSTON, *Instructor*

GRACE GAWTHROP PETERSON, *Lecturer (part-time)*

DEPARTMENTAL MAJOR

A minimum of the following courses: Music 102, 103 201, 202, 321, 322, 401, 402, and two courses in one area of Applied Music (private lessons).

Note: A general major should carry, in addition to the above, Music 203, 204, and 205.

A performance major should carry, in addition to the above, Music 204, 205, and two additional courses in applied music.

A student preparing for certification in music education with vocal emphasis should carry Music 204, 205, 312, and 313 and an additional course in applied piano. If the student can demonstrate competence on keyboard, the additional applied course may be completed in some other applied area or areas.

A student preparing for certification in music education with instrumental emphasis should carry Music 204, 205, 314, and the equivalent of one additional course in secondary instruments.

101. Introduction to Music.

This course is designed to develop an understanding of music through a study of musical materials, principles of organization, and historical styles. Open to all students.

102. Theory of Music I.

An approach to the elements of music-melody, harmony, rhythm, and form, as employed during the functional harmonic period, (18th and 19th centuries), through the development of skills in hearing, singing, keyboard, writing, and analysis. Open to prospective majors and students with considerable music training.

103. Theory of Music II.

A continuation of Music 102.

201. Theory of Music III.

Advanced Harmony. A continuation of Music 103.

202. Theory of Music IV.

Form and Analysis. A study of the principal forms and procedures of Western music from the late 17th century to the present.

203. Counterpoint.

The principles of modern counterpoint. Analysis and composition of two- and three-part inventions. Introduction to canon and fugue.

204. Orchestration and Conducting I.

The study of orchestral instruments, their use in small and large ensembles, principles of conducting, interpretative study of both choral and instrumental scores with practical experience in arranging music for, and conducting campus musical groups.



205. Orchestration and Conducting II.

Continuation of Music 204.

312. Teaching Music in the Elementary Schools.

Music fundamentals, teaching skills, and actual teaching methods at different age levels. A comprehensive coverage of music requirements for prospective elementary teachers with special emphasis on singing and functional piano technique.

313. Music Education I.

Teaching and administration of vocal music in secondary schools. The general music program, the changing voice, instructional problems, and materials for vocal ensembles and operetta production.

314. Music Education II.

Teaching and administration of instrumental music in public schools. Techniques of group instruction, materials, and equipment. Principles and methods of conducting school orchestras and bands, including an intensive survey of the literature.

321. History and Literature of Music I.

Study of works, styles, and musical activity from earliest times to the 16th century, including the study of the relationship of the art to contemporary, social, cultural, and political circumstances. Emphasis on aural appreciation of style, evolution throughout history.

322. History and Literature of Music II.

Continuation of Music 321. From 16th century to the present.

323. 20th Century Music.

A study of the contemporary trends in music as manifested in the works of such composers as Stravinsky, Schoenberg, Prokofieff, Hindemith, Bartok, Copland, and Barber, and an evaluation of the jazz idiom. Designed to give students a background for intelligent appreciation and understanding of modern music. Prerequisite: 101 or consent of the instructor.

324. Sacred Music.

Music specifically related to the Protestant church. Major sacred works from all periods are heard and discussed. A portion of the term's work is devoted to a critical appraisal of the standard church repertory of anthems, larger choral works, organ literature, and hymns. Provision is made in this part of the course for the student to pursue detailed studies pertinent to his major interest.

SEMINARS AND INDIVIDUAL STUDY

401. Senior Seminar.

Individual reading, listening, and reports.

402. Independent Study.

Research in an area of specialization.

PRIVATE PERFORMANCE STUDY

Instruction in solo performance is offered on a uniform basis of one 30-minute individual lesson and one class meeting weekly, with a minimum of one hour's practice daily, for one-sixth course credit each term. Music majors may elect to combine two one-sixth units (on a basis of two half-hour lessons and a class period per week) with a minimum of two hours' practice daily for one-third course credit each term. Private lessons on a non-credit basis are available only with the consent of the instructor.

Odd numbers indicate a one-sixth credit per term; even numbers, one-third credit.

Music 141, or 142.

Organ.

Music 145 or 146.

Piano.

Music 151 or 152.

Voice.

Music 155 or 156.

Strings.

Music 161 or 162.

Wind Instruments

COLLEGIUM MUSICUM

The chamber orchestra, choir, chamber choir, and wind ensemble constitute the Collegium Musicum. These groups all perform individually as the following listing indicates. However, quite often several performers may be chosen from each group to share in a choral-instrumental concert.

261. Chamber Music.

A laboratory course in the theory and practice of orchestral and vocal chamber music (one-sixth credit each term).

264. College Choir.

Registration by permission of the instructor (one-sixth credit each term).

267. Wind Ensemble.

Registration by permission of the instructor (one-sixth credit each term).

PHILOSOPHY

J. PRESCOTT JOHNSON, *Professor, Chairman (On Leave First Term 1970-1971)*

SAMUEL M. THOMPSON, *Professor*

DEPARTMENTAL MAJOR

A minimum of eight term courses in philosophy, including two terms of individual study. It is recommended that the student distribute his work so as to have at least two courses in the history of philosophy and two courses in systematic philosophy.

DEPARTMENTAL HONORS

Graduation with departmental honors ordinarily requires a college cumulative grade point average of at least 3.0 and a departmental cumulative grade point average of at least 3.5. The student should apply for departmental honors during the first term of his junior year. In his senior year he must submit to the philosophy faculty a senior thesis. To be awarded departmental honors the thesis must carry the grade "pass with honors." Application forms, along with instructions governing submission of the thesis, are available from the department.

101. Introduction to Philosophy.

An introduction to the general field and methods of philosophy, and the basic problems in the philosophy of science and the philosophy of man and human culture.

102. Introduction to Logic.

A study of logical relations with special emphasis upon the development of skill in the logical control and evaluation of thinking.

210. Advanced Logic.

Techniques of symbolic logic and problems of logical theory.

211. Philosophy of Education.

Theories and basic concepts of education in relation to general philosophical issues. Open to sophomores, juniors, seniors. (This course may not be used to satisfy distribution requirements for graduation.)

213. Philosophy of Religion.

A study of philosophical problems raised by basic religious beliefs and concepts. Open without prerequisite to all students except freshmen. This course is also listed under Bible and Religion, and may be used to satisfy Bible and Religion requirements.

301. Greek and Medieval Philosophy.

A study of the development of Greek and Medieval philosophy, with emphasis on Plato, Aristotle, Augustine, and Thomas Aquinas. Special attention to historical roots of contemporary problems. Prerequisite: Philosophy 101, or junior or senior standing. (alternate years)

302. Modern Philosophy.

A continuation of 301, but may be taken by students who have not had 301. A study of the major philosophers from the Renaissance to the present century. Prerequisite: Philosophy 101, or junior or senior standing. (alternate years)

303. Ethics.

An analysis of basic moral concepts and a study of their application in personal choice and decision, and of the principal historical and contemporary ethical theories. Prerequisite: Philosophy 101, or junior or senior standing.
(alternate years)

304. Political Philosophy.

Theories concerning the nature of the state, the nature of law, the authority of the state, and political obligation. A comparison of competing political philosophies. Prerequisite: Philosophy 101, or junior or senior standing.

305. Contemporary Philosophy.

Twentieth-century philosophy, its roots in 19th-century thought, and present issues in Anglo-American and European philosophy. Prerequisite: Philosophy 301 and 302, or consent of the instructor.
(alternate years)

306. Oriental Philosophy.

A study of the chief schools of thought of China and India, and their influence throughout the Orient. Prerequisite: 301 and 302 or consent of the instructor.
(alternate years)

315. Aesthetics.

A study of values in literature, music, painting and other arts, with special attention to the relation of aesthetic experience and judgment to scientific and religious thought. Prerequisite: Philosophy 101, or junior or senior standing.
(alternate years)

316. Philosophy of Science.

The nature of scientific knowledge, the development of modern scientific concepts, and the relation of science to other methods of inquiry and areas of knowledge. Prerequisite: Philosophy 101, or junior or senior standing.

SEMINARS AND INDIVIDUAL STUDY

Each philosophy major is expected to take at least two individual study courses during each of the junior and senior years. Other juniors and seniors who have satisfied the prerequisites may be admitted to these courses by permission of the instructor.

401. Philosophy Seminar.

A study of philosophical methods as exemplified in the work of selected philosophers. Prerequisite: four courses in philosophy.

402. Philosophy Seminar.

A continuation of Philosophy 401.

405. Philosophy of History.

A study of theories concerning the nature of historical knowledge and an examination of their assumptions. Seminars or independent study. Prerequisite: Philosophy 301, 302.

411. Junior Independent Study.

Individual reading, reports and papers in areas of special interest to the student. Prerequisite: four courses in philosophy.

412. Junior Independent Study.

A continuation of Philosophy 411.

421. Senior Independent Study.

A continuation of Philosophy 411 and 412, culminating normally in the preparation of a senior thesis. Prerequisite: Philosophy 412.

422. Senior Independent Study.

A continuation of Philosophy 421. Prerequisite: Philosophy 421.

The following courses are available to Monmouth students at Knox College:

Social Philosophy (Philosophy 230).

19th Century Philosophy (Philosophy 380).

PHYSICAL EDUCATION

HENRY W. ANDREW, *Assistant Professor, Chairman and Director of Athletics*

ROBERT G. WOLL, *Associate Professor*

WILLIAM L. REICHOW, *Assistant Professor*

JAMES L. WASEM, *Assistant Professor*

SHERRY L. ANDREWS, *Instructor (On Leave First Term 1970-1971)*

MARY H. FLEMING, *Instructor (part-time)*

ROSALIE BROWNELL, *Lecturer (part-time)*

DEPARTMENTAL MAJOR

A minimum of eight courses approved by the Department, including: 210, 421, 422. In addition women must take 209, and men must take two of the following: 317, 318, or 319.

Teaching Major.

Students wishing to complete a program of study leading to certification to teach physical education and coach, should consult the education section of this catalog and the chairman of the Education Department. In addition to departmental major requirements, women complete the following requirements: 211, 212, 213, 314, 315, 320, 420; and men majors the following courses: 211 or 320, 212, 213, 314, 315, 420. (Total 11 courses).

Intercollegiate Athletics.

The program of intercollegiate athletics consists of baseball, basketball, cross country, football, golf, swimming, tennis, track, and wrestling. For further information consult the athletic department.

Basic Skills. (Required Physical Education).

Each student is required to demonstrate competence in three basic skills activities courses unless excused by a director of the college health service for medical reasons. This requirement which must be completed in the first year of residence can be met either by (a) passing the appropriate basic skills course or courses or (b) by a series of competency tests which consist of a written test and a performance test. Date, time, and location of the tests will be announced by the department. Students wishing to take competency exams at other than the regular times will be charged for a special examination.

209. Team Sports.

(Women only) An analysis of the skills necessary to perform selected team sports for women; also, the student must demonstrate proficiency in each of the team sports selected.

(alternate years)

210. Individual Sports.

(Coeducational) Analysis of the skills necessary to perform selected individual sports; also, the student must demonstrate proficiency in each of the individual sports listed.

211. Elementary School Physical Education.

(Coeducational) Methods of teaching physical education in the elementary grades with specific emphasis on program content.

212. Rhythmical Activities.

(Coeducational) Fundamentals of rhythms, social, folk and square dance. Emphasis will be placed on the analysis of skills and techniques of these rhythmical activities with special consideration given to the methods of teaching.

213. Health Education.

(Coeducational) A study of health and health education, including both public and school health. Emphasis is placed on program content and materials available in health, for grades one through twelve.

314. Anatomy.

(Coeducational) A study of the structure and function of the human body. Specific consideration is given to application of principles of anatomy and physiology to physical education activities.

315. Kinesiology.

(Coeducational) A mechanical and anatomical analysis of human motion. Prerequisite: Physical Education 314.

317. Coaching of Football.

(Men only) A study of the methods and techniques of coaching football.

318. Coaching of Basketball.

(Men only) A study of the methods and techniques of coaching basketball.

319. Coaching of Track and Baseball.

(Men only) A study of the methods and techniques of coaching track and baseball.



320. Curriculum and Methods of Physical Education.

(Coeducational) Methods of teaching physical education in the high school; also, the development of a high school physical education program.
(alternate years)

420. Independent Study.

(Coeducational) The independent study in physical education is developed under the guidance of the chairman of the department. Arrangements must be made with the department chairman prior to enrolling in this course.

421. Organization and Administration.

(Coeducational) The philosophy and organization of a physical education program.

422. Leadership Training.

(Coeducational) Designed to provide an internship-type of practical teaching experience.

PHYSICS

A. FRANKLIN JOHNSON, *Professor, Chairman*

CHARLES E. SKOV, *Associate Professor*

PETER K. KLOEPPPEL, *Assistant Professor*

WILLIAM J. NELLIS, *Assistant Professor*

DEPARTMENTAL MAJOR

A minimum of eight term courses including at least two courses at the 300 level or above. In addition the student must take the prerequisite mathematics courses. Students planning to pursue graduate study in physics should take a minimum of eight courses beyond the introductory sequence (110-111-112) and including 208, 210, 212, 302, 303 and either 308, 325 or 326.

101. Introduction to Physics.

(For non-science majors) A descriptive course requiring a minimum of mathematics covering classical and modern physics.

102. Introduction to Physics.

(For non-science majors) Continuation of Physics 101. Prerequisite: Physics 101.

103. Astronomy I.

Astronomical observation and instrumentation—telescoping, spectroscopy, radio astronomy. The solar system; the sun and other stars. Lecture and laboratory.

104. Astronomy II.

Associations of stars: clusters, galaxies. Theories of the universe, its origin, and its ultimate future. Present problems in astronomy. Lecture and laboratory. Prerequisite: Physics 103.

110. Introductory Physics.

(For science majors) Fundamentals of mechanics, heat and sound. Co-requisite: Mathematics 151.

111. Introductory Physics.

(For science majors) Fundamentals of electricity and magnetism. Continuation of Physics 110. Prerequisite: Physics 110. Co-requisite: Mathematics 152.

112. Introductory Physics.

(For science majors) Fundamentals of optics, atomic and nuclear physics. Continuation of Physics 111. Prerequisite: Mathematics 152 and Physics 111.

208. Intermediate Mechanics.

Dynamics, motion of a particle in 3 dimensions, systems of particles, rotational dynamics, gravitation, continuous media. Prerequisite: Physics 110, 111, and 112, Mathematics 251.

210. Electrical Measurements.

Theory and use of instruments for the precise measurement of electrical quantities. Error analysis, direct current and alternating current circuit analysis. Prerequisite: Physics 112.

211. Electronics.

A laboratory-oriented course in electronics for science majors. Prerequisite: Physics 102 or 111 or permission of instructor.

212. Optics.

Geometrical and physical optics. Reflection, refraction, optical instruments, interference, diffraction, dispersion, polarization, laws of radiation. Prerequisites: Physics 112, and Mathematics 254 or permission of instructor.

302. Quantum Mechanics.

Introduction to quantum mechanics. Prerequisites: Physics 208, Mathematics 254.

303. Electricity and Magnetism.

An intermediate course in principles of electricity and magnetism. Prerequisites: Physics 112, Mathematics 254.

308. Atomic and Molecular Physics.

Fundamental particles, atomic and molecular structure and spectra, X-ray spectra, electronic structure of atoms. Prerequisite: Physics 302.

325. Solid State Physics.

An introduction to solid state physics, crystal structure, thermal, dielectric, magnetic properties of solids, band theory and semiconductors. Prerequisite: Physics 302.

326. Nuclear Physics.

An introduction to nuclear physics, nuclear atom, experimental techniques, static and dynamic properties of nuclei, nuclear stability and nuclear spectra. Prerequisite: Physics 302.

354. Classical Mechanics.

Theoretical classical mechanics, variational principles, Lagrange's and Hamilton's equations. Prerequisites: Physics 208, Mathematics 254.

355. Classical Electromagnetic Theory.

Advanced electromagnetic theory, Maxwell's equations and their applications. Prerequisites: Physics 303, Mathematics 254.

356. Statistical Physics.

Thermodynamics, kinetic theory of gases and introductory statistical mechanics. Prerequisites: Physics 112, Mathematics 254.

370. Physics for Secondary School Teachers.

Selected topics in physics under the guidance of an instructor. Offered only in summer or in-service institutes for teachers.

401. Seminar.

Special topics in physics. Prerequisites: Physics 208, 210, 212, 302, 303, and either 308, 325, or 326.

410. Independent Study.

Individual project in advanced theoretical or experimental physics chosen by the student in consultation with the staff. Prerequisites: Physics 208, 210, 212, 302, 303, and either 308, 325, or 326.

The following courses are available to Monmouth students at Knox College:

Advanced Mechanics (Physics 341).

Electromagnetism (Physics 342).

Quantum Mechanics (Physics 343).

PSYCHOLOGY

DAVID J. SENN, *Assistant Professor, Chairman*

FRANK S. McKENNA, *Professor*

WILLIAM M. HASTINGS, *Assistant Professor*

CHARLES J. MELISKA, *Assistant Professor*

A. DEAN WRIGHT, *Assistant Professor*

DENNIS K. KAMANO, *Lecturer (part-time)*

DEPARTMENTAL MAJOR

- (a) A minimum of eight term courses in psychology beyond 101, including 201, 202, at least two 300-level courses, plus Psychology 401. Mathematics 103 and 106 are highly recommended. Ordinarily biology should be taken in partial satisfaction of the science requirement, and sociology to satisfy the social science requirement.
- (b) Grades of C or better in 201 and 202 are required before majors are allowed to enroll in 301, 302, 305, 309 and 401. Non-majors may be permitted in all other courses after achieving a grade of D or better in 101, and may be permitted in 301, 302, 305, 309 and 401 with the consent of the instructor after achieving a grade of C or better in 201.
- (c) Undergraduate Record Examinations are required of all majors in the third term of their junior year.

101. Introduction to Psychology.

An introduction to the study of behavior and experience. Prerequisite to all other courses in psychology.

106. Elementary Statistics.

See Mathematics 106. (Mathematics 340 may fulfill this requirement.)

201. Research Methods in Behavioral Science.

An introduction to the concepts and techniques of statistical and experimental control in behavioral science research. Includes laboratory. Prerequisite: Psychology 101.

202. Experimental Psychology

An introduction to the basic data, principles and methods in the study of complex psychological processes: learning, motivation, personality and social psychology. Prerequisite: Psychology 201 (laboratory).

204. Social Psychology.

Introduction to the scientific study of individual behavior in the social environment: attitudes, language, social learning and group processes. (Laboratory)

225. Developmental Psychology.

Study of development from conception through adolescence. Emphasis on maturation, experience, and learning.

301. Perception.

A study of psychophysics and perception. Current problems and theories are examined. Prerequisite: Psychology 201 or consent of the instructor. (Laboratory)

302. Motivation.

A study of the data and theories of the motivation of behavior. Homeostatic, ethological, activation, and learning theory models are investigated in terms of the data. Prerequisite: Psychology 202 or consent of the instructor. (Laboratory)

303. Abilities.

A study of human abilities and their measurement, and the nature of individual differences.

305. Learning.

A study of the empirical data and theories of learning. Prerequisite: Psychology 202 or the consent of the instructor. (Laboratory)

306. Cognition.

A study of the more complex phenomena in behavior, such as concept formation, symbolic processes, thought, language, and decisions. Prerequisite: consent of the instructor. (Laboratory)

307. Physiological Psychology.

A study of the mechanisms underlying behavioral phenomena, with major emphasis on brain functions in learning, motivation and perception. (Laboratory)

309. Theoretical Problems in Psychology.

Senior Seminar: Historical overview of theories and problems in psychology.

311. Seminar.

Assigned readings, oral and written reports, and group discussion on pertinent problems in psychology. Open to majors or to those who have had five courses in the field. May be repeated for credit.

325. Abnormal Psychology.

Personality disorders and maladjustive behavior. Discussion of methods of psychotherapy.

340. Theor②s of Personality.

A critical examination of the major theoretical approaches to the study of personality and the current research in this area.

401. Independent Study.

Directed individual study, generally in the form of an experimental project. A formal oral presentation is expected at the conclusion of the study. Required of all students majoring in psychology.

402. Independent Study.

A continuation of 401 as required.

The following courses are available to Monmouth students at Knox College:

Psychobiology (Psychology 253).

Principles of Mental Health (Psychology 314).

Clinical Practicum (Psychology 315).

SOCIOLOGY

DEAN G. EPLEY, *Professor, Chairman*

RICHARD S. HERMAN, *Instructor*

JAMES M. MANNON, *Instructor*

WON M. PAUL HURH, *Lecturer (part-time)*

DEPARTMENTAL MAJOR

- (a) Two sociology courses at the sophomore level, including 210.
- (b) At least six courses selected from those numbered 300 or above, including 317, 401, and 402.
- (c) Psychology 201. Research Methods in the Behavioral Sciences is required of Sociology majors and can be counted as one of the eight required courses for a major.

201. Introduction to Cultural Anthropology.

Brief review of prehistoric race, language and culture, economic and social institutions, religion, art, attitudes, and values of native peoples.

203. Societies Around the World.

A comprehensive, systematic study of the chief types of societies, ranging from the primitive to the advanced industrial, in the major habitats of the world.

206. The Family.

A study of the family as a social institution: its forms, function, development, organization, factors of disorganization and trends.

210. Introduction to Sociology.

Introductory analysis and description of the structure and dynamics of human society. Application of scientific methods to the observation and analysis of composition, social norms, group behavior, social stratification, social institutions and social change.

211. Social Problems.

Introductory survey of sociological aspects of important modern social problems. Emphasis on social interrelationships and cultural differences involved in their genesis, significance and amelioration or prevention. Library reading and special reports. Prerequisite: Sociology 210 or consent of the instructor.

304. Home and Family Life.

Analysis of psychological and sociological aspects of home and family life. Consideration of necessary early adjustments to significant interpersonal changes basic in the achievement of companionship and emotional interdependence. Prerequisite: Sociology 206 or consent of instructor.

305. Population in Transition in the United States: Demography.

A study of the composition, distribution, movement and cultural patterns of population and ethnic groups in the United States and its various regions. Attention is given to scientific analysis of problems and trends. Prerequisite: Sociology 210.

306. Social Stratification.

System of social ranking with emphasis on class structure of the United States; power, prestige and privilege as related to class differences; the culture and styles of life in different classes, status as determinant of personality, interaction and development, effect of social change and mobility. Prerequisite: Sociology 210.

308. Sociology of the Community.

Nature, structure, and functions of various types of communities; their characteristics, group relations, and social institutions (home, school, church, government, health, wealth, leisure); modern trends molding rural and urban life. Attention is given to methods of modern redevelopment. Prerequisite: Sociology 210, 211, and/or 305. (alternate years)

310. Crime and Delinquency.

The nature, extent and explanations of crime and delinquency; historical development of criminological thoughts, modern approaches and methods; a review of the theories of treatment and evaluation of programs for prevention and rehabilitation. Prerequisite: Sociology 210.

312. Racial Tensions and Cultural Conflicts.

A survey of racial and cultural conflicts in contemporary civilization: theories of race and culture; relations between racial and cultural groups in specific situations in strategic areas of the world; the status of racial, religious, and ethnic minorities in the United States; organization, programs, and social movements designed to improve intergroup relationships. Prerequisites: Sociology 210 and 211. (alternate years)

314. Introduction to Social Work.

A survey of the field of social work. Historical development of social work concepts and philosophy; the present system and organization of social welfare and administration; the role of social work in contemporary society. Prerequisites: Sociology 206, 210, 211.

316. Social Change.

The implications of science and technology for social change; effects of innovation upon social relationships; theories of social change, social effects of major inventions; a cross-cultural analysis of the processes of "industrialism." Prerequisites: Sociology 210 and 305 or 308.

317. Sociological Theory.

Development of social thoughts and theories in historical perspectives; comparison and critical analysis of contemporary sociological theories with emphasis on the epistemological relevance to the current social problems in the world. Prerequisites: Sociology 306 and 316, or by the consent of the instructor.

400. Junior Seminar

Special topics in sociology will be studied, the specific subject being indicated each time the seminar is offered. Some topics are Sociology of Work, Urban Sociology, Sociology of Religion. Prerequisite: junior or senior standing and consent of the instructor.

401. Seminar.

Reading and research designed to give a background in historical development, information concerning leaders, techniques and procedures, principles, projects, and practices in original field research. Oral and written work required. Open to sociology majors or by the consent of the instructor.

402. Independent Study.

Introduction into an individual problem in a subject of interest to the student. Practice in library research, the use of specific research techniques and procedures, and field research. Oral and written work is required. Open to sociology majors or by the consent of the instructor. Prerequisite: Sociology 401.

403. Urban Sociology: Seminar.

An analysis of the urban community. Includes nature, structure, interaction, and relationships evidenced by population, migration, housing, welfare programs, and juvenile delinquency. This course is part of the Associated Colleges of the Midwest Urban Education Program.

405. Contemporary Society: Russia.

Description and analysis of social, economic, and political life against a background of geography, population, and development; values and ideology; family and education; communication and public opinion. Open only to seniors.
(alternate years)

406. Contemporary Society: Cultures of the Far East.

The peoples, cultures, economy, religious life, government organizations, family life, social organization, ideology, and socio-cultural change and development. Open only to seniors. See also History 406.
(alternate years)

The following courses are available to Monmouth students at Knox College:

Urban Problems (Sociology 303).

Sociology of Science (Sociology 309).

Small Groups (Sociology 310).

North American Indians (Anthropology 202).

Folk Cultures in the Modern World (Anthropology 301).

SPECIAL COLLEGE SEMINARS AND INTERDISCIPLINARY STUDIES

A. FRANKLIN JOHNSON, *Professor of Physics, Director*

Freshman Honors Program

J. STAFFORD WEEKS, *Professor of Bible and Religion*

DONALD L. WILLS, *Associate Professor of Geology*

WILLIAM M. HASTINGS, *Assistant Professor of Psychology*

CHARLES J. MELISKA, *Assistant Professor of Psychology*

CALVIN W. EVANS, *Instructor of English*

FRESHMEN HONORS PROGRAM

Open to 40 freshmen selected by the honors faculty on the basis of honors-at-entrance qualifications or petition.

201. Man and His Environment.

An examination of the environment concept, with special emphasis on the theory of environmentalism and on specific kinds of interaction between man and his physical and social environment. There will be guest lecturers and small discussion groups. Meets distribution requirement for one non-lab natural science course.

202. Man and His Mind.

A course in the analysis of the concept of the human mind and its various aspects from formation and development to its functions in a modern society, designed to avoid a strict psychological approach to the subject and to emphasize student involvement through discussion and written exercise. Meets distribution requirement equivalent for one course in social science.

EAST ASIAN STUDIES SPECIAL PROGRAM

301. East Asian Geography Seminar.

An examination of the physical environment of selected East Asian countries in relation to the economic, cultural, political, and social aspects of these countries. Initial lectures on the geography of the area, and intensive readings, discussions, regular papers, and oral reports by students are required.

SPEECH

JOHN R. FOXEN, *Professor, Chairman*

JEAN E. LIEDMAN, *Professor*

JOHN R. SHERMAN, *Assistant Professor*

JAMES L. DeYOUNG, *Instructor*

DEPARTMENTAL MAJOR

- (a) A minimum of eight courses in addition to Speech 101, including 215, 221, 303, 316, 351, and 403.
- (b) Performance in dramatic production and/or intercollegiate forensics.



100. Theater Workshop.

Open to all students. Credit is given for satisfactory participation in the production of plays including both acting and the technical areas of scene construction, lighting, costuming, and makeup. May be elected for a maximum of 12 terms. One-sixth credit per term.

101. Fundamentals of Oral Communication.

Designed to help the student to understand the communicative process and to acquire knowledge and skill in selecting and evaluating speech materials, organizing and phrasing ideas, developing effective control of voice and action, and evaluating public speeches.

102. Rhetoric and Public Address.

Principles of rhetoric and public address. Special attention to matters of style, speeches for special occasions, persuasion, and parliamentary law.

103. Introduction to Theater Arts.

Open to all students. Through the reading of plays and selected writings on dramatic production and criticism, this course is designed to give the student a critical platform upon which to base evaluation of dramatic art. May be elected for Humanities credit but does not meet Speech requirements.

200. Debate Seminar.

Theory and practice in the methods and techniques of intercollegiate debating. Enrollment by consent of the instructor. One-third term credit.

212. Principles of Acting.

This course introduces the student to the art and history of acting. Practical application of theory and training in technique is obtained through exercise and performance in selected scenes. Theater 103 and instructor's permission required.
(alternate years)

215. Stagecraft and Scene Design.

A study of the technical and theoretical elements of dramatic production, combined with practical exercises in drafting, design, lighting, costuming, and make-up. Prerequisite: Speech 103 or consent of the instructor.

221. Oral Interpretation of Literature.

A study of principles and types of literature from the viewpoint of the oral interpreter. Emphasis is given to the essay, poetry and narrative prose.

303. Discussion and Debate.

The theory and application of argumentation to discussion and debate. A study of evidence, reasoning, and methods of briefing. Laboratory exercise in discussion and debate. Prerequisite: Speech 102, or consent of the instructor.
(alternate years)

311. History of the Theater.

A survey of the theater of the Western world from pre-Greek to the 19th century. Emphasis on the evolution of play writing, acting, and directing, production elements, audiences, and theater architecture. Although material insures integration with courses in dramatic literature offered by other departments, the approach is primarily theatrical.
(alternate years)

312. Oriental Theater.

A study of the methods of presentation, actors and acting, reading of texts in translation, production of plays, with emphasis on the cultural influence of the theater in Asian societies.

315. Oration Seminar.

Theory and practice in the methods of extemporaneous speaking and oratory designed for intercollegiate competition. Enrollment by consent of the instructor. One-third term credit.

316. Principles of Stage Directing.

A course designed to introduce the beginning student to the practical and theoretical aspects of directing. Readings in directing theory are combined with exercises in play selection, analysis, pictorial composition, stage movement and general production planning. Each student casts and directs a short scene or a one-act play. Prerequisite: Speech 215 or consent of the instructor.
(alternate years)

322. Advanced Oral Interpretation.

A continuation of Speech 221 with special emphasis on dramatic literature, prose and poetry. Prerequisite: Speech 221.
(alternate years)

351. Scientific Bases of Speech.

An introduction to the scientific aspects of speech, including voice science, phonetics and communication.
(alternate years)

352. Introduction to Speech Correction.

A study of the process of normal speech development and the causes and treatment of various speech disorders.
(alternate years)

401. Independent Study.

An individual program of reading and research under the guidance of the instructor.

403. Seminar in Speech.

A course for speech majors designed to co-ordinate studies in public address, theater arts, and speech science.

410. Independent Study.

A continuation of 401.

445. Advanced Play Production.

Complete production of a play for laboratory or public performance along with suitable written analysis. May be elected a maximum of three terms. Prerequisite: Speech 316. One-third term credit.

ACADEMIC REGULATIONS

Attendance

Responsibility for class attendance is placed upon the individual student, except as limited by these regulations:

1. Courses of study are planned and organized upon the assumption that the student will be in regular attendance. The student is responsible for all work covered in the course, including lectures, class discussions, assignments of any kind and all examinations. However, students need not make application to have absences excused and need not make any explanation of class absences.
2. A student whose record in a course is suffering because of frequent absences may be required by his instructor or the Dean of the College to give up the privileges of these regulations and, during the remainder of the term, explain all absences. This action may be taken at any time during a term.

Registration

During the seventh week of each term, currently enrolled students will register for the following term. New students will register during the orientation period preceding the fall term. Courses are selected in consultation with the student's faculty adviser.

All changes in registration require written permission of the course instructor and the student's adviser. A fee of \$5 is charged for each course change made after the first week of classes. No student may add a course after the first week of classes. No student may drop a course after the fifth week of classes except for illness or other circumstances beyond the student's control.

Normally, students will register for three full courses each term. A full term course typically meets four times weekly for 50-minute periods, exclusive of laboratory sessions.

Students are permitted to register for a fourth full course during a term if no fractional courses are taken during that term and if a 3.0 (B) or better grade average has been achieved in each of the two preceding terms. In no case is a student permitted to register for more than four courses including fractional courses in any one term.

The grade-point average is determined by dividing the total grade-points earned during the term by the number of courses taken. The cumulative average is the total of all grade-points earned, divided by the total number of term courses taken. Courses transferred from other institutions are not included in calculating the grade-point average.

If a course is repeated, only the final grade earned will be included in calculating the cumulative grade-point average.

The *I (Incomplete)* grade signifies that work in the course is incomplete due to illness or circumstances beyond the control of the student or that the

instructor feels further evaluation is needed to determine the grade. Unless the *I* is removed by the seventh week of the next term, the grade automatically becomes an *F* (*Failure*).

In seminars and other independent study courses where the work of the course cannot be completed in one term, the grade *IP* (*In Progress*) is given. This grade is not used in calculating the grade-point average. The appropriate letter grade will be given on completion of the work, but it becomes an *F* if not completed by the end of the following term, unless the chairman of the department has authorized an extension.

The *W* grade is given when the student withdraws from a course: (1) during the first two weeks, or (2) during the third, fourth, or fifth week if he is passing at the time. In order to withdraw from a course after the second week, a student must have the approval of the instructor, his adviser, and the Dean of the College. A student cannot withdraw from a course after the fifth week of classes except for illness or circumstances beyond his control.

The *WF* grade is given when a student withdraws from a course after the second week and is failing at the time of withdrawal.

If, after the fifth week of a term, a student is dismissed or suspended or if he withdraws from Monmouth College, he may be assigned grades of *W* or *WF* with the approval of the instructor, his adviser, and the Dean of the College. Otherwise the *F* grade will be given. In cases where the work has been completed prior to the suspension, dismissal, or withdrawal, the student shall receive the grade earned in the course.

Transcripts issued after a disciplinary suspension period has been completed will make no reference to the penalty. Such suspension will be for at least the remainder of the academic term in which the action was taken, and no refunds will be made.

The Grading System

All academic work at Monmouth College is graded as follows:

| Grade | Points | |
|--------|--------|------------------------|
| A | 4 | F – Failure |
| B | 3 | WF – Withdrawn Failing |
| C+ | 2.5 | W – Withdrawn Passing |
| C | 2 | I – Incomplete |
| D | 1 | IP – In Progress |
| F,WF,I | 0 | S – Satisfactory |
| | | U – Unsatisfactory |

S/U Grading System

Students are permitted to register for a limited number of courses to be graded on a *S/U* (*Satisfactory/Unsatisfactory*) basis. The *S* grade shall be given for performance of *C* or better; otherwise the grade of *U* shall be given.

Such grades shall not be included in the calculation of term or cumulative grade point averages. Only those courses in which the grade of *S* is earned will count as credit earned. The following restrictions apply:

1. The *S/U* option is available only to sophomores, juniors and seniors who are in good academic standing and have cumulative grade point averages of at least 2.0.
2. A student may, with his adviser's approval, register on a *S/U* basis for one course per term up to a total of six courses, no more than two of which are in the same department.
3. If a student plans to take a course on a *S/U* basis, he will indicate this during registration. However, he will be permitted to change his registration from a regular grade basis to a *S/U* basis during the first week of the term and from a *S/U* basis to a regular basis during the first five weeks of the term.
4. The instructor shall not be notified which students are taking a course on an *S/U* basis. Each faculty member shall report regular letter grades and registrar shall, where appropriate, convert the grades to *S* or *U*.

Academic Probation

A student is placed on academic probation for the following term if: (1) he fails to make a grade-point average of at least 1.6, or (2) his cumulative grade-point average falls below 1.6 if he has completed not more than six courses, 1.8 if he has completed more than six but not more than 19 courses, 2.0 if he has completed more than 19 courses. The cumulative grade-point is based on all credit courses taken at Monmouth College.

A student who is on probation for the first time and fails to remove himself from probation at the end of that term may be required to withdraw from the College for at least one term.

A student who has been placed on probation for two consecutive terms and fails to achieve at least a 2.0 grade-point average in the following term will be required to withdraw from the College for at least one academic year.

Classification

Students are classified on the basis of the progress they make toward course credits for graduation. A student who has satisfactorily completed nine term courses of college credit is classified as a sophomore; 18 term courses, a junior; 27 term courses, a senior.

Degrees

Candidates for the Bachelor of Arts degree must make formal application to the Registrar one year in advance of their expected graduation. The course work may be completed at the close of any term, but the formal Commencement will be held in June. The senior year must be spent in residence at Monmouth College.

Honors at Graduation

Honors at graduation consist of College Honors or Departmental Honors or both.

COLLEGE HONORS. To be eligible to graduate *cum laude* a student shall have a cumulative grade-point average of 3.5 or higher. To be eligible to graduate *magna cum laude*, a student shall have a cumulative grade-point average of 3.75 or higher. To be eligible to graduate *summa cum laude*, a student shall have a cumulative grade-point average of 3.9 or higher.

DEPARTMENTAL HONORS. Outstanding performance in the fields of concentration will be recognized as a degree "with Honors" in the appropriate subject. Individual departments will award this honor on the basis of a student's performance in the departmental comprehensive examination or other specially designed honor project.

Credit by Examination

A student in good academic standing may earn credit in a course by satisfactory performance on an examination which is administered by the department concerned and is sufficiently comprehensive to prove mastery of the course. Such an examination may require a written part, an oral part, a term paper, and a laboratory experience. Performance at the C level shall be the minimum acceptable; however, individual departments may set higher standards. A student may not earn credit by examination for any course for which he has already earned credit. A maximum of one term course credit per term can be earned through credit by examination. The fee is \$100 for each examination.

Prior to taking such an examination, a student must secure the written approval of his adviser, the chairman of the department, the instructor who will administer the examination, and the Dean of the College. The student shall be advised of the scope of the examination and whether the department requires minimum performance of a higher level than C.

Transfer of Credits

Courses taken at other accredited institutions will be transferred on the basis of .3 term course credits per semester hour credit providing that a grade of C or better was received and that the course is acceptable at Monmouth College. Grades of courses transferred are not included in calculating grade-point averages.

Any junior college graduate who has been admitted to Monmouth College and who has completed a college transfer program will be admitted with junior standing (i.e. 18 term courses of transfer credit). A maximum of 18 term courses of junior college work may be accepted for transfer credit.

Written approval of the Registrar is required in advance for courses to be taken at another institution and accepted as transfer credit at Monmouth College.



Pictorial

WHAT IS MONMOUTH?

It's a collection of physical things: classrooms and books - laboratories and playing fields - microscopes and basketballs - residence halls and libraries - a touch of ivy here and there.

It's a collection of activities: classes and seminars - jazz concerts and football games - experiments and studying off campus - lectures and caring about people - the burning of midnight oil.

It's a collection of people: students - teachers - alumni - parents - friends - bound together by the challenge of common concerns and common goals.

Going to Monmouth

... is the will to win.

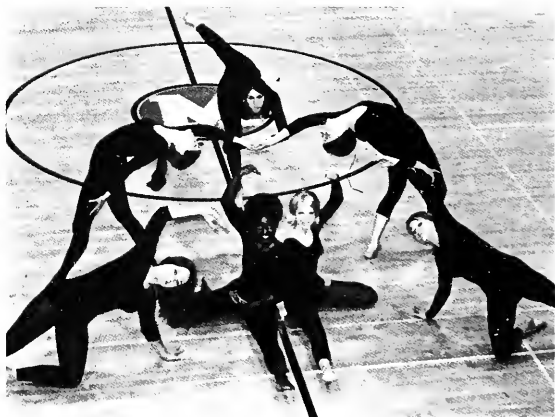


... is a Crimson Masque production.



... is talking with John Kenneth Galbraith, distinguished economist.

... is "un-corroded" living in Gibson Hall, residence for men.



... is an Orchesis dance interpretation.



is contemporary life in Cleland Hall, residence for women.



... is a concerned faculty.



... is students and faculty pitching in to move from the old to the new library.



is the lonely life of a cross country runner.

building a Homecoming float.



... is planning the future of the College at the American Foundation for Management Research.



... is a modern library.



... is teaching at Cuttington College in Africa.



... is independent study in science.

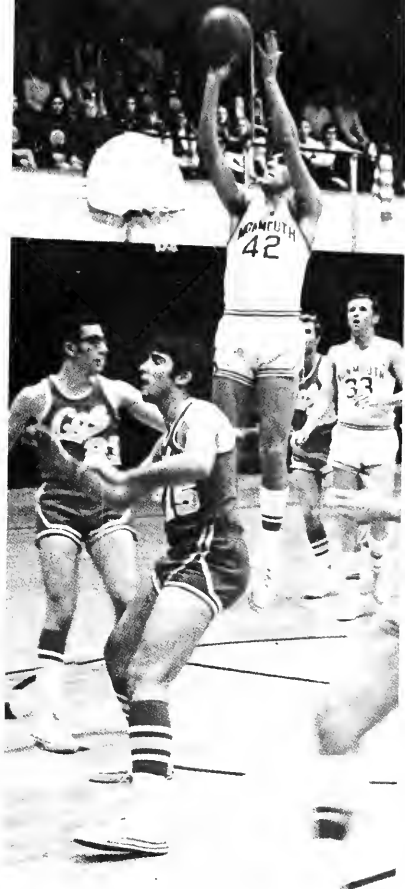


... is Wallace Hall, framed by winter snow.

... is a concern for youngsters of the "inner-city."



... is "swish."



... is being on stage with the "Sound-of-Five."

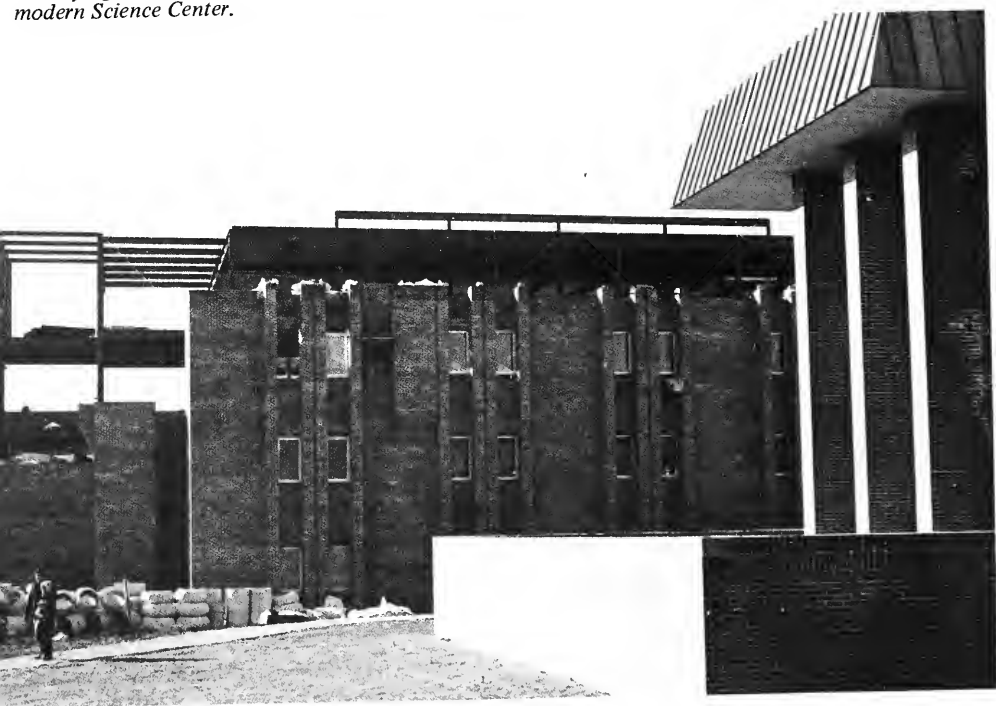


... is a "walk" for the Heart Fund.



... is "51 sprint out on two."

. is studying biology, chemistry, geology and physics in a modern Science Center.



ADMISSION

ADMISSION

The Monmouth College admissions committee bases its decision on class rank, secondary school attended, recommendations of high school personnel, extracurricular activities, scores on college entrance examinations, course preparation, and intended college major.

Admission to the College is open to men and women of all races and all religious affiliations.

The Campus Visit

Prospective students are encouraged to make appointments and visit Monmouth College. Experience has shown the campus visit is an ideal way to form first-hand impressions of the College. The Admissions Office is open from 8:00 a.m. to 4:30 p.m., Monday through Friday, when prospective students and their parents may visit classes, talk with students and professors and see the campus. The Office is also open from 8:00 a.m. until noon on Saturday and appointments can also be scheduled for Saturday or Sunday afternoon. Appointments for campus visits should be made by writing or calling the Admissions Office one week in advance of the intended visit.

In addition to the admissions staff on campus, Monmouth College has regional admissions counselors in Chicago, St. Louis, and on the East Coast.

The Open Door

Under this program high school Seniors are welcome to visit the campus on any two-day weekend (Thursday and Friday night and leaving Saturday before noon). While here students sample first-hand academic, athletic, cultural, and social life at Monmouth. They sit in on classes, interview faculty, and meet students both in and out of class. The only expense is transportation as board and room are provided. These candidates live in Freshman dorms and dine in the cafeteria and are, in effect, Monmouth students for two days.

Monmouth believes that college is a concept, an intellectual atmosphere, a feeling that can only be experienced by meeting people who are the college: students and faculty. If you would care to visit under the Open Door, please phone or write the Director of Admissions one week in advance.

Requirements for Admission

Candidates for admission to Monmouth College must present a minimum of 15 secondary school units, including English, history, social science, foreign language, mathematics, and science (a unit is a subject carried for one school year). Applicants must also present the results of the College Board Scholastic Aptitude Test (SAT) or American College Testing Service (ACT). Students are urged to take one of these tests during the Spring of their junior year, although senior tests are acceptable.

Results of the College Board Achievement Tests in Mathematics Level I or II, English Composition, and a foreign language are required only for counseling and placement purposes. These achievement tests must be taken during the senior year, but do not need to have been completed at the time of application.

Application Procedure

- (1) The freshman or transfer student wishing to be admitted to Monmouth College should request application material from the Director of Admissions or one of the regional admissions representatives.
- (2) The application material must be completed and returned to the College with the fifteen dollar (\$15.00) application fee. (This fee is not refundable and is not applicable to other college expenses.)
- (3) Results of the SAT or ACT tests of a freshman applicant must be received by the College before the application can be acted upon. Testing dates and locations and other information about the tests may be obtained from your high school counselor or by writing the Director of Admissions, Monmouth College.
- (4) Submit one reference from the High School principal or guidance counselor.
- (5) Contact the proper authority to release a record of High School grades.

Transfer Applicants

- (1) Transfer students are admitted at the beginning of each of the three terms or for the summer session.
- (2) In addition to the application material mentioned above, transcripts of all previous college work must be sent to the Admissions Office. SAT or ACT results are not required.
- (3) Students with a 2.0 (C) or better cumulative average are likely candidates for admission. Financial assistance is available based on computations from the College Scholarship Service or the Illinois State Scholarship Commission. A new policy insures the transferability of two full years of credit for the candidate who has successfully completed a college transfer program at a two-year community college and is accepted at Monmouth College.

Notification of Acceptance

All applications to Monmouth College are processed as soon as they arrive. Those applicants that complete the application process before the first of any month will be notified of the Committee's action on or before the tenth of the month, beginning January 10th.

Candidates' Reply

All candidates for admission are required to send a \$100 deposit to confirm their acceptance. This deposit will be applied to tuition and charges for the FINAL TERM that the student attends Monmouth College. A \$25 room deposit is also required. Rooms are reserved in the order in which deposits are received. These deposits are non-refundable.

Early Decision

The MONMOUTH COLLEGE EARLY DECISION PLAN is designed for the student who wishes to make Monmouth his or her choice college and to provide that student an opportunity to complete his college plans by December of his senior year. Offered as an alternate plan to regular admission procedure, the EARLY DECISION PLAN eliminates the need for multiple applications and it is understood that if the candidate is accepted through this plan he will indeed attend Monmouth and will pay a deposit by December 1.

A student qualifying for an early admission decision must rank in the TOP THIRD of his high school class at the end of six semesters (junior year) and must present the results of the SAT or ACT and otherwise follow the general application procedure outlined on the previous page.

Students desiring EARLY DECISION must have all application materials on file with the College by November 1. Junior scores are required. Notification will be made no later than November 15. A deposit is required within two weeks of notification.

Advanced Placement for Freshmen

Monmouth grants advanced placement, college credit and reduction of the distribution requirements to entering students who have demonstrated college-level preparation. Advanced Placement tests of the College Entrance Examination Board, tests given at Monmouth during orientation week, and high school records may be used as a basis for granting advanced placement.

Application for advanced placement should be made to the Dean of the College. Credit may be recorded if it does not void necessary admissions units. The granting of credit is authorized by the Dean of the College upon recommendation of the instructor who gives the course, the head of the department concerned, and the student's faculty adviser.

Honors-at-Entrance

To recognize and reward outstanding achievement by high school seniors applying for admission to Monmouth College, an Honors-at-Entrance program has been established. A student may qualify for Honors-at-Entrance whether or not he has received financial aid.

High school seniors who rank in the upper 10 percent of their graduating class will receive Honors-at-Entrance, including a certificate of merit issued by the College prior to the beginning of the academic year.



Honors-at-Entrance students may participate in the Faculty-Freshman Honors Symposia, a series of informal discussion meetings in faculty homes which fosters an interchange of ideas between faculty members and honor students early in the students' years at Monmouth. They are also eligible to enroll in the Freshman Honors Program.

Single Application Method

As a member of the Associated Colleges of the Midwest, Monmouth offers applicants who desire to apply at two or more 8ACM schools the opportunity to apply through the Single Application Method. Details on SAM are available from the Admissions Office.

COSTS

Charges for attending Monmouth College are comparable with the high standards of academic excellence which the College maintains and advances. Tuition and fees of the individual student, however, cover less than the total cost of the Monmouth educational program. The balance is comprised of gifts to the College from its alumni, parents of students, friends, foundations, corporations and endowments.

Students who are in need of financial assistance can expect careful consideration at Monmouth College. Scholarships, student loans and campus employment can be combined to assist worthy students. Monmouth's financial program is designed so that as far as possible, no student who qualifies will be denied a Monmouth education because he lacks financial resources.

In addition, Monmouth College participates in two Federal Loan programs which aid in the financing of a student's education. These include the College Student Guaranteed Loan Program and the National Defense Student Loan Program. Monmouth College also makes available a pre-payment plan for those preferring monthly payments.

Tuition and Fees

1970-71

| | |
|---|----------|
| Tuition per term | \$775.00 |
| Board and Room per term | 359.00 |
| Student Activity Fee per term | 14.00 |

The charge for tuition is \$2,325 for the academic year. This includes instruction and laboratory fees, student health service, student health insurance coverage, admission to all athletic contests, concert-lecture series events, and plays. A student activity fee of \$42.00 for the year is assessed and used by the Student Association for the student newspaper, yearbook and literary magazine as well as special convocations and social events on campus. Charges for laboratory breakage and art supplies are billed at the end of each

term. An estimated \$500 will be necessary for books, supplies, clothing, recreation and other miscellaneous and personal items.

Room and Board Charges

The charge for room and board, including weekly bed linen service, for the 1970-71 academic year is \$1,075. During the academic year, 21 meals are served weekly in the dining hall. The first meal following a vacation period will be the morning of the day classes are resumed. The dining room will be closed during the period between final examinations and registration for a new term.

Part-time Students

Students enrolled for less than a two-term course load are considered to be part-time students. Written permission to be a part-time student must be obtained from the Dean of the College prior to the beginning of the term. Tuition for part-time students is charged at the rate of \$260 per term course and fractional courses are charged on a pro-rata basis. Students carrying two or more courses must pay full tuition.

Special Students

Students who are not candidates for a degree are classified as special students. Permission to register as a special student must be obtained from the Dean of the College.

Auditing Courses

Full-time students may audit courses without credit and without charge in addition to their regular academic program. The students, however, must have the permission of the instructor and the approval of the Dean of the College. Written permission of the instructor is required before an audited course is listed on the student's permanent record. Part-time students will be charged \$130 per course audited.

Special Examinations

Students who have unexcused absences from a regular final examination or an announced hour test may be permitted to take a special make-up examination at the discretion of the instructor. The fee is \$10 for a final examination, \$5 for an announced hour test. A receipt from the business office showing the fee has been paid must be presented before the examination will be administered.

Transcripts

Each student is entitled to two free transcripts showing his work at the College. A fee of \$1 will be charged for each additional transcript. No transcript will be issued until the student's account has been paid. Transcripts will be issued only upon written request.

Advance Deposit

When notified of admission, new students are required to pay a \$100 advance deposit. This deposit will be applied to the tuition and charges for the final term the student attends Monmouth College.

In order to be eligible for a refund of the Advance Deposit, the following procedures must be followed:

- (1) If a student does not plan to return for the Fall Term, Term I, he must notify the Business Office in writing by May 1 that he is not returning.
- (2) If a student does not plan to return for Term II or Term III he must notify the Business Office in writing before the first day of classes for that particular term.

These policies apply to all students attending Monmouth College regardless of their class status. The \$100 Advance Deposit will be forfeited unless the above procedures are followed.

Payments

One-third of the annual charges for tuition, room and board is due prior to the first day of each term. One-third of any financial aid other than hourly employment may be deducted from the balance due each term.

Parents who desire to spread payment over several months may use the Monmouth College Pre-Payment Plan or one of several commercial plans available. Detailed information about these plans is available on request from the Business Office.

Miscellaneous Fees

| | |
|--|----------|
| Application fee | \$ 15.00 |
| Graduation fee (including cap and gown rental) | 18.00 |
| Student Teaching fee (Education 401, 401S, 402, 402S) | 10.00 |
| Course credit by examination | 100.00 |
| Late Registration fee | 10.00 |
| Late Payment fee | 10.00 |
| Changes of Registration fee | |
| (After first week of classes in each term) | 5.00 |
| Practice Room fee for piano, voice and instruments per term: | |
| One hour daily | 7.50 |
| Two hours daily | 10.00 |
| Organ rental fee per term | 20.00 |

(Private lessons in music on a credit basis are available at no extra tuition charge to those students registered as full-time students who qualify for credit status through auditions. Private lessons in music on a non-credit basis are available at \$25 per term.)

The Business Office at Monmouth recommends that decisions on financing a student's education be made as early as possible to avoid last minute difficulties. Loan programs are listed under the financial aid section.

Refunds

If a student withdraws from the College, refunds of tuition only will be made in the following manner:

| | |
|------------------------|-------------|
| Two weeks or less | 80 per cent |
| During the third week | 60 per cent |
| During the fourth week | 40 per cent |
| During the fifth week | 20 per cent |
| Thereafter | no refund |

The first week ends on the first Saturday after the opening of classes.

No refund of tuition is made to a student dismissed or suspended for disciplinary reasons.

Refunds of board charges will be based on the unused portion of the term, less a penalty of two weeks.

Room rent is not refundable under any circumstances. Students unable to abide by residence hall regulations or who show marked unwillingness to cooperate with the house director may be asked to move from their rooms without privilege of refund.

Financial Aid

Students who meet admissions standards may apply for financial assistance if a financial NEED exists. Within the limitations of the resources available the NEED of each qualified student is met through a combination of scholarship, loan, and campus employment.

To determine financial NEED, a student and his parents prepare a PARENTS' CONFIDENTIAL STATEMENT, giving information about the family's income, assets, debts, and other conditions affecting the student's resources. The form is sent by the applicant to the COLLEGE SCHOLARSHIP SERVICE (Evanston, Berkeley or Princeton), which computes an estimate of the family's financial means and furnishes a report to the College. The report states how much the family might reasonably be expected to pay toward the student's college expenses. The PCS report, with other information the College may have, determines the amount and types of financial aid which may be awarded. PARENTS' CONFIDENTIAL STATEMENT forms may be obtained from school guidance offices or from the Office of Student



Aid and Placement at Monmouth College. It is strongly recommended that the student file the necessary forms in September as the computation process requires from six to eight weeks.

All awards are for one year. Continued financial aid can be requested and is awarded on the basis of the student's resources determined from the current Parents' Confidential Statement and the availability of funds. Failure to maintain the required scholastic average will result in withdrawal of the financial aid award.

Returning students holding awards must re-apply before March 15 each year to obtain aid for the following academic year.

Scholarships

Scholarships are awarded on the basis of academic promise, character, and financial need. A student graduating in the top fifth of his class is eligible for an Honorary Scholarship of up to \$500 per year regardless of need. Ten Presidential Scholarships of up to \$2,400 per year based on need are awarded to students graduating in the top five per cent of their class.

Upperclassmen with financial need whose ability, character and college record indicate a continued high achievement are also eligible for scholarships.

Illinois State Scholarship and Grant Program

In order to "remove financial barriers to college attendance; to expand college choice; and to permit thousands of students to attend non-public colleges who would have otherwise attended public colleges. . . ." the Illinois State Scholarship Commission has established a program of scholarships and grants for students with financial need. These scholarships and grants may be used at Monmouth College, and if further need exists, may be supplemented by Monmouth College financial aid.

ILLINOIS STATE SCHOLARSHIPS are awarded competitively on the basis of American College Testing Program (ACT) examination scores and high school class rank. The ACT examination must be taken in the spring or summer prior to the high school senior year and the applicant must designate the Illinois State Scholarship Commission (Code No. 1047) as a recipient of the scores. Illinois State Scholars receive up to \$1,200 per year depending upon financial need.

ILLINOIS STATE GRANTS are non-competitive and are based entirely upon need. All Illinois residents intending to attend college in Illinois as full-time students are eligible to apply. These grants amount to up to \$1,200 per year. Further information concerning the Illinois State Scholarship and Grant Program can be obtained from your guidance counselor or from the Director of Student Aid at Monmouth College.

Illinois State Scholars are eligible for supplementary gift assistance from Monmouth College up to full tuition to cover unmet needs as calculated by the Illinois State Scholarship Commission. Additional assistance beyond tuition will be met through an NDEA Loan or campus job. Supplementary

gift assistance, loans, and campus employment are also available for Illinois State Grant Recipients.

Educational Opportunity Grant Program

THE EDUCATION OPPORTUNITY GRANT PROGRAM, authorized by the Higher Education Act of 1965, began in the fall of 1966. Its main purpose is to make a college education available to high school graduates of exceptional financial need.

Grants ranging from \$200 to \$1,000 are made to students for each of the four years of undergraduate study. Monmouth College selects student recipients.

National Defense Student Loan Program

Monmouth administers NATIONAL DEFENSE STUDENT LOAN FUNDS from which qualified students may borrow up to \$1,000 each year. The student makes repayment to the Monmouth College Service Center over a 10-year period beginning nine months after he ceases at least one-half time study. Interest at three per cent starts to accrue at the beginning of the repayment period. Repayment is not required and no interest accrues while the student borrower is serving in the Armed Forces, the Peace Corps, or VISTA (Volunteer in Service to America), up to a maximum of three years. Deferment also may be obtained while the borrower is pursuing at least half-time attendance at an accredited institution of higher education in the United States or at a comparable institution abroad.

For borrowers who enter the full-time teaching field, a maximum of 50 per cent of loan indebtedness plus interest may be canceled at the rate of 10 per cent each year of teaching service. Borrowers who teach in certain eligible schools in areas of primarily low-income families or who teach the handicapped may qualify for cancellation of their entire loan obligation at the rate of 15 per cent per year.

Guaranteed Loan Program

The Office of Education also sponsors a loan program which may enable a student to borrow money directly from a savings and loan association, credit union, bank, or other participating lender. The general outline was established by Federal law; but each State administers the program according to slightly different procedures. Depending on your year in school, a student may borrow up to a maximum of \$1,500; in some States, this maximum is \$1,000 per year. If the adjusted family income is under \$15,000 per year, the Federal Government will pay the full interest charged on this loan while attending school, and prior to the beginning of the repayment period. Repayment begins on a date between 9 and 12 months after completing the course of study or leaving school. The maximum repayment period is 10 years, although minimum repayment requirements may reduce this. Deferment of repayment may be authorized for service in the military, Peace Corps, or

VISTA; or for any period of return to full-time study.

United Student Aid Funds, Inc.

Loans granted through the United Student Aid Funds, Inc., also are available. This is a national non-profit corporation established to endorse bank loans up to \$1,500 a year at a maximum of seven per cent interest to deserving college students who could not otherwise obtain such loans. Applications are available from the Office of Student Aid and Placement or participating lending institutions.

Other Loan Funds

Monmouth College administers the Mary Janet Downie Loan Fund established in memory of Mary Janet Downie by her parents, Mr. and Mrs. Walter Downie, and the Jeanette McFarland Loan Fund established under the will of Miss Jeanette McFarland of Cambridge, Ohio. Loan funds are also available through the Henry Strong Educational Foundation and the Albert N. Merritt Foundation.

Veterans Educational Benefits

THE VETERANS READJUSTMENT BENEFITS ACT OF 1966 provides a permanent program of benefits of \$175 per month plus an additional allowance for each dependent to veterans who have served or who will serve in the U.S. armed forces since January 31, 1955. Among these benefits are educational assistance provisions, which went into effect June 1, 1966.

To be eligible the veteran must have a discharge that is other than dishonorable and he must not have exhausted his eligibility under previous programs.

Veterans with more than 181 days active duty, any part of which occurred on or after February 1, 1955, are eligible for one month of college, vocational or similar education for each month or fraction of a month on active duty. Application blanks and full information are available at VA offices and at colleges and educational centers.

ORPHANS OF DECEASED VETERANS BENEFITS: Orphans of deceased veterans are eligible for educational benefits under Title 38, U.S. Code, Chapter 35, formerly P.L. 634 provided the death of the veteran parent resulted directly from military service or from a cause directly attributable to military service.

Public Law 89-222, signed September 10, 1965, increases the monthly assistance allowance to eligible War Orphans. This law also relaxes the eligibility requirements. Now a child of any person who died or became totally disabled while in service is eligible for assistance.

Part-time Student Employment

There are approximately 400 part-time student jobs available on campus, which include office clerical work, building and campus maintenance, switchboard operation, library clerical work, residence hall counseling and food service duties. Residence hall counseling positions pay a stipulated amount per year. Other jobs are at varying hourly rates, paid monthly.

Student assistantships in the various instructional departments provide a limited number of jobs to upperclass students recommended by department heads.

The Office of Student Aid and Placement lists community part-time jobs and notifies students who have indicated an interest in part-time work.

Scholarships, Prizes, and Endowment

The scholarships, prizes, and endowed funds listed below have been made possible through the generosity of alumni and friends of the College and through other organizations and businesses interested in supporting independent higher education. It is hoped that recipients of financial aid will in later life, when circumstances permit, help to continue this program for the benefit of future generations of students.

ENDOWED SCHOLARSHIPS

ADDLEMAN SCHOLARSHIP

DR. AND MRS. J. A. BARNES SCHOLARSHIP

SARAH HOLMES BIGGER SCHOLARSHIP

BIGGSVILLE SCHOLARSHIP

BOHART SCHOLARSHIP

N. H. AND ISABELLE BROWN SCHOLARSHIP

GEORGE H. BRUSH SCHOLARSHIP

J. BOYD CAMPBELL SCHOLARSHIPS

HATTIE BOYD CAMPBELL SCHOLARSHIP

FRANK M. CARNAHAN MUSIC SCHOLARSHIP

JOHN CAROTHERS SCHOLARSHIPS

CLASS OF 1901 SCHOLARSHIP

CRIMSON MASQUE SCHOLARSHIP

C. G. DENISON-WILLIAM M. STORY SCHOLARSHIP

JOHN S. AND MARY LOUISE DIFFENBAUGH SCHOLARSHIP

LOIS DIFFENBAUGH SCHOLARSHIP

ELDER MINISTERIAL AND CHRISTIAN WORK SCHOLARSHIP

BELLA B. ELLIOTT SCHOLARSHIP

ELMIRA SCHOLARSHIP

JOHN Q. FINDLEY SCHOLARSHIP
FIRST WASHINGTON SCHOLARSHIP
FREW SCHOLARSHIPS
ALVIN W. GALLOWAY SCHOLARSHIP
GARRITY SCHOLARSHIP
GIBSON SCHOLARSHIP
JOHN CHARLES HANNA SCHOLARSHIP
SMITH HAMILL SCHOLARSHIP
HANOVER SCHOLARSHIP
HARMONY MEMORIAL SCHOLARSHIP
JANET SHAW HAYES SCHOLARSHIP
LUCIA ELLIOTT HILL SCHOLARSHIP
MABEL HINMANN SCHOLARSHIP
HUME SCHOLARSHIP
LT. M. DONALD ISAACSON SCHOLARSHIP
ANDREW JOHNSTON SCHOLARSHIP
JOHNSTON SCHOLARSHIP
ELIZABETH M. KELLER SCHOLARSHIP
EMMA BROWNLEE KILGORE SCHOLARSHIP
MRS. MARY ELIZABETH KILPATRICK SCHOLARSHIP
JANE KINKAID SCHOLARSHIP
MATTIE KINKAID SCHOLARSHIP
JOHN BARNES KRITZER SCHOLARSHIP
LAFFERTY SCHOLARSHIPS
MARGARET LORD MUSIC SCHOLARSHIP
OLIVE J. LOWRY SCHOLARSHIP
M. M. MAYNARD MEMORIAL SCHOLARSHIP
KATHRYN ARBELLA McCAUGHAN SCHOLARSHIP
MARY COOKE McCONNELL MEMORIAL SCHOLARSHIP
HOMER McKAY SCHOLARSHIP
McLAUGHLIN BROTHERS SCHOLARSHIP
SPECIAL ANNIVERSARY SCHOLARSHIP,
 MRS. MINNIE McDILL McMICHAEL
LOUISE C. AND MAX W. MILLS SCHOLARSHIP
NASH SCHOLARSHIPS
MILDRED STEELE NEARING SCHOLARSHIPS
NORWOOD SCHOLARSHIP
LaVERNE NOYES SCHOLARSHIP
ADAM OLIVER SCHOLARSHIP

ROBERT Y. PARK SCHOLARSHIP
LUELLA OLIVE PARSHALL SCHOLARSHIP
MARGARET POLLACK SCHOLARSHIP
MARGARET WHITE POTTER MEMORIAL SCHOLARSHIP
PRUGH SCHOLARSHIP
READER'S DIGEST FOUNDATION SCHOLARSHIP
PRUDENCE MARGARET SCHENK SCHOLARSHIP
MARION B. SEXTON SCHOLARSHIP
SHIELDS SCHOLARSHIPS
SOMONAUK SCHOLARSHIP
SPRING HILL SCHOLARSHIP
ST. CLAIR SCHOLARSHIP
STRONGHURST SCHOLARSHIP
J. B. TAYLOR SCHOLARSHIP
NANNIE J. J. TAYLOR SCHOLARSHIP
ESTHER M. THOMPSON SCHOLARSHIP FUND
MARTHA THOMPSON SCHOLARSHIPS
HENRY A. TODD SCHOLARSHIP
J. L. VAN GUNDY SCHOLARSHIP
ALALINE WILKIN WADDELL SCHOLARSHIP
MARTHA WALLACE SCHOLARSHIP
J. F. WATSON SCHOLARSHIP
WHITE SCHOLARSHIP
DAVID A. AND ELIZABETH CAMERON WHITEMAN SCHOLARSHIP
ELI B. AND HARRIET B. WILLIAMS FUND
WOODBURN MEMORIAL SCHOLARSHIP
WOODS SCHOLARSHIPS
MARGARET N. WORDON SCHOLARSHIP
JOHN WRIGHT SCHOLARSHIP
XENIA SCHOLARSHIP

SPECIAL SCHOLARSHIPS

BOARD OF CHRISTIAN EDUCATION SCHOLARSHIP
PEG STONEROOK BRINKER SCHOLARSHIP (TAU PI)
EXCHANGE CLUB SCHOLARSHIP
GRADUATE "M" CLUB AND "M" CLUB SCHOLARSHIPS
ROBERT T. LUDWIGSEN MEMORIAL SCHOLARSHIP

THE PRESIDENT'S SCHOLARSHIP

ROTARY CLUB SCHOLARSHIP

Annual Prizes and Awards

FORENSICS EMBLEM

This medal is presented by the College and the Forensic League to those who have represented the College in intercollegiate debate or oratory.

THE SELIG AND SELMA EDELMAN PRIZE SCHOLARSHIP

This prize scholarship, representing the annual yield on a \$5,000 endowment, is awarded for the best essay dealing with the topic "Contemporary Values in the Old Testament." The essays are written in consultation with the Department of Bible and Religion and are judged by the members of that department.

THE BERNICE L. FOX LATIN PRIZE

This \$200 annual award, given by an anonymous donor, is made to a Latin student "whose progress is worthy of recognition." Miss Fox, associate professor of classical languages, will select recipients of the award.

THE CLIFF STRUTHERS HAMILTON PRIZE

A prize of \$400 is awarded to an outstanding senior chemistry major.

THE LULU JOHNSON McCOY PRIZES

These prizes, endowed by her husband, J. Clyde McCoy, consist of \$50 and \$25 to be awarded to students of outstanding quality who are majoring in music.

THE WILLIAM B. McKINLEY PRIZES IN ENGLISH

In 1925 Senator William B. McKinley of Illinois endowed two prizes of \$50 each to encourage individual research and advanced work in English. The prizes are awarded to students who offer the best theses on specially designed subjects.

LENA LEE POWELL PI BETA PHI PRIZE

This \$200 award, endowed by Ervin D. Powell, is awarded each year to a member of Alpha Chapter of Pi Beta Phi of exceptional quality.

MARY PORTER PHELPS PRIZE

A prize of \$50 is awarded to the student who, in the judgment of the faculty, has manifested superiority in scholarship, thrift and economy, and development of character. Only those who have completed at least two years' work at Monmouth College are eligible for this prize.

SIGMA TAU DELTA FRESHMAN PRIZES

Rho Alpha Chapter of Sigma Tau Delta offers three prizes on Commencement Day to the freshmen writing the best compositions in verse or prose. Entries must be prepared especially for this contest.

DAN EVERETT AND EVA CLARK WAID PRIZE

This prize of \$100 is endowed by Mr. and Mrs. Waid of New York, and is awarded by the faculty on the basis of all-around excellence and development.

THE WAID PRIZES

Six prizes are offered for biographical reading as a means of cultivating interest in biography among college students. Three prizes of \$25, \$15, and \$10 are offered to freshmen. Three similar prizes are available to members of the three upper classes. These prizes were endowed by Dan Everett Waid, '87.

Library Endowments

The John A. and Margaret J. Elliott Library of Religious
Education

The Kappa Kappa Gamma Memorial Fund

The John Lawrence Teare Memorial Library Fund

Endowed Professorships

ALUMNI PROFESSORSHIP OF PHILOSOPHY, endowed by alumni of the College in 1881 and held by Dr. Samuel Thompson, Professor of Philosophy.

PRESSLY PROFESSORSHIP OF NATURAL SCIENCE, endowed by W.P. Pressly of Illinois in 1886 and held by Dr. John J. Ketterer, Professor of Biology.

JOHN YOUNG CHAIR OF BIBLE, endowed by the United Presbyterian Church Board of Christian Education and held by Dr. Charles J. Speel, II, Professor of Bible and Religion.

Killough Lecture Fund

Endowed by the Hon. W.W. Stetson of Auburn, Maine, to bring speakers to the College campus.

Memorial Funds

Current memorial funds honoring former students, faculty-members, and friends of Monmouth College include:

Bonnie Peterson

James McClintock

Cyrus R. Osborn

Donald B. McMullen

Ivory Quinby, Jr.

Bertha McKinnie Phelps

Dr. Hugh B. Speer



DIRECTORIES

THE MONMOUTH COLLEGE SENATE

Responsibility for the control and operation of the entire program of the College is vested by charter in the Monmouth College Senate. Meeting three times a year, the Senate sets policy for the College, oversees the activities of the faculty and administration and works with both groups in establishing plans for the long-range development of the institution.

Senate members come from widely varied geographical areas and represent a number of occupations and professions. The Senate includes six operating committees: Academic Affairs, Nominations and Degrees, Finance and Business Affairs, Physical Facilities, Development, and Student Affairs.

The Officers

RICHARD D. STINE, President, Monmouth College, Monmouth, Illinois, *ex officio*.

LEE L. MORGAN, *Chairman*; Executive Vice President, Caterpillar Tractor Company, Peoria, Illinois.

N. BARR MILLER, '28, *Vice Chairman*; Partner, Haynes & Miller, Counselors at Law, Washington, D.C.

MRS. FREDERICK H. LAUDER, '18, *Secretary*; Monmouth, Illinois.

MRS. H.A. LOYA, '40, *Assistant Secretary*, Secretary to the President, Monmouth College, Monmouth, Illinois.

ROBERT E. ACHESON, *Treasurer*, Operations Supervisor (Retired), Illinois Bell Telephone Company, Monmouth, Illinois.

ROBERT H. BARNETT, *Assistant Treasurer*, Business Manager, Monmouth College, Monmouth, Illinois.

Senate Emeriti

JOHN J. KRITZER, '15, Attorney, Monmouth, Illinois.

CHALMER P. SPIKER, President (Retired), National Bank of Monmouth, Monmouth, Illinois.

McCLEAN WORK, '11, First Vice President (Retired), Ketchum, Incorporated, Pittsburgh, Pennsylvania.

Senate Membership

JOHN C. BAILAR, JR., Professor of Inorganic Chemistry, University of Illinois, Urbana, Illinois.

CORTLEY BURROUGHS, Pastor, First United Presbyterian Church, Alton, Illinois.

KENNETH E. CRITSER, Partner, Kritzer & Critser, Attorneys at Law, Monmouth, Illinois.

ROGER J. FRITZ, '50, President, Willamette University, Salem, Oregon.

RAYMOND C. GRILLS, '37, Director of Manufacturing, E.I. Dupont De Nemours & Company, Film Department, Wilmington, Delaware.

W. JEROME HATCH, '57, Manager, Manpower Planning & Recruiting, Deere & Company, Moline, Illinois.

MISS PATRICIA HOFSTETTER, '48, Judge, Whittier Municipal Court, Whittier, California.

GORDON JACKSON, '40, Dean, Pittsburgh Theological Seminary, Pittsburgh, Pennsylvania.

SIGMUND W. KUNSTADTER, Chairman (Retired), The Formfit Company, Chicago, Illinois.

WILLIAM M. LeSUER, '48, Vice President, Research and Development, The Lubrizol Corporation, Cleveland, Ohio.

JAMES M. LEXVOLD, '55, Chairman of the Board, Sauk Valley Manufacturing Company, St. Charles, Illinois.

MRS. RALPH A. LIDDLE, Fort Worth, Texas.

DANIEL M. MacMASTER, President, Museum of Science and Industry, Chicago, Illinois.

JAMES W. MARSHALL, M.D., '36, Physician, Monmouth, Illinois.

ROBERT T. McLOSKEY, '28, Legislative Consultant, Monmouth, Illinois.

GRAHAM McMILLAN, '37, Vice President, Research and Development, Commercial Solvents Corporation, Terre Haute, Indiana.

LOUIS W. MENK, President, Burlington Northern Company, St. Paul, Minnesota.

HUGH MOFFETT, '31, Former Assistant Managing Editor, *Life* Magazine, New York, New York.

JAMES J. NIXON, JR., '50, Partner, Nixon, Gray & King, Attorneys at Law, Boston, Massachusetts.

BLAIR A. PHILLIPS, JR., First Vice President and Director, Shearson, Hamill and Company, New York, New York.

WILLIAM C. PINE, '39, Scholarship Program Director, Ford Motor Company Fund, Dearborn, Michigan.

JOSEPH L. RAYNIAK, Executive Vice President, Outboard Marine Corporation, Waukegan, Illinois.

JOHN W. SERVICE, '35, Division Manager, Salary Administration, Deere & Company, East Moline, Illinois.

RICHARD L. TERRELL, Group Vice President, General Motors Corporation, Detroit, Michigan.

DARROW THOMPSON, President, Thompson International Company, Incorporated, Phoenix, Arizona.

MILFORD D. WALSTON, Chairman of the Board, Walston Aviation, Incorporated, East Alton, Illinois.

PAUL E. WARFIELD, '24, Brigadier General, AUS (Retired), President, Warfield-McCullough, Monmouth, Illinois.

DONALD G. WHITEMAN, '49, President, City Reconstruction Corporation, Los Angeles, California.

NEWTON K. WILSON, '29, Vice Chairman, Sky Chefs, Incorporated, New York, New York.

H. DONALD WINBIGLER, '31, Academic Secretary, Stanford University, Stanford, California.

GEORGE E. WORCESTER, '30, Vice President, The Fulton Company, Milwaukee, Wisconsin.

THE FACULTY

RICHARD D. STINE

1970

President. A.B., University of Pennsylvania, 1947; Ph.D., *ibid.*, 1951.

Professors Emeriti

EVA H. CLELAND, Professor of English Emerita, Monmouth, Illinois.

DOROTHY DONALD, Professor of Spanish Emerita, Monmouth, Illinois.

ROBERT W. GIBSON, President Emeritus, Waverly, Ohio.

THOMAS H. HAMILTON, Professor of Appreciation of Art Emeritus, Monmouth, Illinois.

ALBERT C. NICHOLAS, Professor of Education Emeritus, Monmouth, Illinois.

HAROLD J. RALSTON, Professor of Classics Emeritus, Monmouth, Illinois.

Active Faculty

ALLISON, DAVID C.

1962

Associate Professor of Biology. B.S., University of Illinois, 1956; M.S., *ibid.*, 1957; Ph.D., Pennsylvania State University, 1960.

ANDREW, HENRY W.

1962

Assistant Professor of Physical Education. B.A., State College of Iowa, 1953; M.A., University of Iowa, 1960.

ANDREWS, SHERRY L.

1969

Instructor of Physical Education. B.S., Taylor University, 1965; M.S., Western Illinois University, 1969.

ARRISON, JOHN D.

1962

Assistant Professor of Mathematics. B.S., Michigan State University, 1956; M.S., *ibid.*, 1958, Ph.D., *ibid.*, 1970.

BALL, ELWOOD H.

1953

Assistant Professor of Music and Associate Dean of Students. B.Mus., University of Michigan, 1947; M.Mus., *ibid.*, 1952.

BARKS, PAUL A.

1968

Assistant Professor of Chemistry. B.A., Grinnell College, 1958; Ph.D., Iowa State University, 1963.

BEINEKE, THOMAS A.

1968

Assistant Professor of Chemistry. B.S., Ohio University, 1961; Ph.D., California Institute of Technology, 1966.

BLUM, HARLOW B.

1959

Associate Professor of Art. B.F.A., University of Illinois, 1956; M.A., Michigan State University, 1959; M.F.A., Syracuse University, 1966.

BOONE, G.E.

1965

Lecturer in Oriental Art. Commander, USN (Retired).

BOONE, KATHARINE P.

1965

Lecturer in Oriental Art. A.B., Monmouth College, 1930; M.A., Pennsylvania State University, 1936.

- BOSWELL, GRACE H. 1962
Assistant Professor of English. A.B., LaGrange College, 1949; M.A. University of Georgia, 1952; Ph.D., *ibid.*, 1960.
- BOSWELL, R.D., JR. 1962
Professor of Mathematics. B.A., Mississippi State University, 1950; M.S., *ibid.*, 1951; Ph.D., University of Georgia, 1957.
- BOWMAN, MILTON L. 1959, 1968
Associate Professor of Biology. B.S., University of Louisville, 1951; M.A., University of Missouri, 1954; Ph.D., *ibid.*, 1959.
- BRETT, CECIL C. 1963
Associate Professor of Government and History and Director, East Asian Studies. B.A., University of British Columbia, 1948; M.A., University of Washington, 1950; Ph.D., University of Michigan, 1956.
- BROWNELL, ROSALIE 1970
Lecturer in Physical Education. B.A., Monmouth College, 1966. (part-time)
- BUCHHOLZ, ROBERT H. 1950
Professor of Biology. B.S., Fort Hays State College, 1949; M.S., Kansas State College, 1950; Ph.D., University of Missouri, 1957.
- COOKSEY, BENJAMIN F. 1965
Instructor of Biology. B.S., Kansas State College, 1960; M.S., *ibid.*, 1962.
- COVENTRY, PHILIP D. 1970
Instructor of Spanish, B.A., Carleton College, 1963.
- CRAMER, FERN W. 1946, 1957
Lecturer in Mathematics. B.S.E., University of Arkansas, 1931. (part-time)
- CRAMER, PAUL 1946
Associate Professor of Mathematics and Engineering. A.B., Illinois College, 1925; M.A., University of Illinois, 1926.
- CROW, MARY B. 1946
Assistant Professor of History, A.B., Monmouth College, 1941; Ph.M., University of Wisconsin, 1945.
- DAVENPORT, F. GARVIN 1947
Professor of History and Director, Summer Session. A.B., Syracuse University, 1927; A.M., *ibid.*, 1928; Ph.D., Vanderbilt University, 1936.
- DAVISSON, ANNA M. 1965
Reference Librarian and Instructor of Library Science. B.A., Indiana University, 1961; M.A., *ibid.*, 1963.
- DeYOUNG, JAMES L. 1963
Instructor of Speech. A.B., Beloit College, 1959; A.M., Bowling Green University, 1960.
- DeYOUNG, JANET W. 1965
Lecturer in English. A.B., Beloit College, 1959. (part-time)
- DUNHAM, DAVID E. 1968
Assistant Professor of Chemistry, B.A., Wabash College, 1962; Ph.D., Ohio University, 1967.
- EBERSOLE, MARYLOU 1968
Lecturer in Education. B.A., Swarthmore College, 1946; M.S., Purdue University, 1967. (part-time)

- EHLERT, DAVID L. 1967
Assistant Professor of Mathematics. B.A., Knox College, 1959; M.S., University of Chicago, 1961; Ph.D., *ibid.*, 1968.
- EPLEY, DEAN G. 1970
Professor of Sociology. B.A., Kent State University, 1947; M.A., *ibid.*, 1950; Ph.D., Michigan State University, 1953.
- EVANS, CALVIN W. 1969
Instructor of English. B.A., Miami University, 1961; M.A., Vanderbilt University, 1969.
- FLEMING, MARY H. 1962
Instructor of Physical Education. B.S., MacMurray College, 1946. (part-time)
- FOX, BERNICE L. 1947
Associate Professor of Classics. A.B., Kentucky Wesleyan College, 1932; M.A., University of Kentucky, 1934.
- FOXEN, JOHN R. 1970
Professor of Speech. B.A., Morningside College, 1950; M.A., State University of Iowa, 1951; Ph.D., *ibid.*, 1957.
- FRITSCHI, HELEN V. 1970
Instructor of German. B.A., College of Wooster, 1960.
- GANN, HELENE L. 1966
Instructor of Economics and Business Administration. B.S., Wagner College, 1962; M.B.A., Boston College, 1966.
- GEORGE, PAUL S. 1970
Assistant Professor of Education. B.A., Westminster College, 1962; M.Ed., Kent State University, 1964; Ed.D., George Peabody College, 1970.
- GORDON, ROBERT A. 1968
Instructor of Spanish. A.B., Colby College, 1965; M.A., University of Colorado, 1967.
- GRAHAM, JOHN C. 1968
Instructor of English. A.B., Muskingum College, 1963; M.A., Ohio University, 1965.
- GRIFFITHS, RICHARD L. 1967
Assistant Professor of Music, B.M.E., Wichita University, 1964; M.M.E., *ibid.*, 1966.
- GUILLERMO, EDENIA 1965
Associate Professor of Spanish. B.A., Instituto de Matanzas, Cuba, 1935; Ed.D., University of Havana, Cuba, 1939; Ph.D., *ibid.*, 1949.
- HAMILTON, MARTHA M. 1937
Assistant Professor of Art. B.A., University of North Carolina, 1923; M.Ed., Harvard University, 1932.
- HASTINGS, WILLIAM M. 1968
Assistant Professor of Psychology. B.S., Loyola University, 1962; M.A., Southern Illinois University, 1966; Ph.D., *ibid.*, 1969.
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Head Librarian and Associate Professor of Library Science. B.A., St. Olaf College, 1949; M.A., University of Minnesota, 1951.
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Professor of Economics and Business Administration. B.A., College of the Pacific, 1947; M.A., Temple University, 1949; J.D., School of Law, Temple University, 1949.
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Instructor of Sociology. B.A., Southern Illinois University, 1966; M.A., *ibid.*, 1969.

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Lecturer in Sociology. International Christian College, Korea, 1954-56; B.A., Monmouth College, 1960; Ph.D., University of Heidelberg, 1965. (part-time)
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Professor of Physics. B.S., University of Alberta, 1938; M.A., University of Toronto, 1947; Ph.D., *ibid.*, 1949.
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Professor of Philosophy. A.B., Kansas City College, 1943, A.B., Kansas State College, 1946; M.S., *ibid.*, 1948. Ph.D., Northwestern University, 1959.
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Associate Professor of Chemistry. A.B., Nebraska Wesleyan University, 1958; Ph.D., Kansas State University, 1965.
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Lecturer in Psychology. B.A., Nebraska Wesleyan, 1952; M.A., University of Denver, 1955; Ph.D., *ibid.*, 1957. (part-time)
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Associate Professor of English. B.A., University of Iowa, 1927; M.A., *ibid.*, 1928.
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W.P. Pressly Professor of Biology. B.S., Dickinson College, 1943; Ph.D., New York University, 1953.
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Assistant Professor of Physics. B.S., University of North Carolina, 1952; M.S., University of Illinois, 1954; Ph.D., University of Chicago, 1963.
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Instructor of Japanese. B.A., St. Olaf, 1958; B.D., Luther Theological Seminary, 1961; M.A., University of Michigan, 1967.
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Associate Professor of English. B.A., Illinois College, 1947; M.A., University of Texas, 1949; Ed.M., University of Illinois, 1954; Ph.D., *ibid.*, 1961.
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Professor of Speech. A.B., Monmouth College, 1927; A.M., University of Wisconsin, 1935; Ph.D., *ibid.*, 1949.
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Lecturer in Education. B.S., Western Michigan College, 1964; M.S., Southern Illinois University, 1967. (part-time)
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Professor of Music. B.Mus., Chicago Musical College, 1936; A.B., Monmouth College, 1938; M.A., University of Iowa, 1941.
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Associate Professor of Mathematics. A.B., Peru State Teachers College, 1938; M.A., University of Nebraska, 1950.

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Assistant Professor of Bible and Religion and College Chaplain. A.B., College of Wooster, 1937; B.D., Union Theological Seminary, 1942; S.T.M., *ibid.*, 1970.
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Professor of Psychology and Dean of the College. B.S., Lehigh University, 1942; M.A., Columbia University, 1948; Ph.D., *ibid.*, 1951.
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Assistant Professor of Psychology. B.A., College of Wooster, 1963; M.A., Case Western Reserve, 1968, Ph.D., *ibid.*, 1970.
- MERRILL, GLEN K. 1968
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Instructor of English. B.A., Cornell University, 1961; M.A., University of Iowa, 1965; M.F.A., University of Iowa, 1966.
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Assistant Professor of Chemistry. B.A., Macalester College, 1965; Ph.D., University of Minnesota, 1970.
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Assistant Professor of Economics. B.A., Cairo University, Egypt, 1957; M.A., Indiana University, 1965, Ph.D., *ibid.*, 1969.
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- OSBORNE, HARRY W. 1965
Professor of French. B.A., University of Iowa, 1943; M.A., *ibid.*, 1945; Ph.D., University of Wisconsin, 1949.
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Professor of Chemistry. B.S., Antioch College, 1948; Ph.D., Northwestern University, 1952.

- REGENOS, GRAYDON, W. 1970
Lecturer in Classics. A.B., Indiana Central College, 1923; A.M., Indiana University, 1925; Ph.D., University of Chicago, 1936. (part-time)
- REICHOW, WILLIAM L. 1965
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- ROW, BRIAN G. 1970
Instructor of Art. B.F.A., University of Colorado, 1968; M.F.A., *ibid.*, 1970.
- SENN, DAVID J. 1970
Assistant Professor of Psychology. B.A., North Central College, 1962; M.A., Northern Illinois University, 1964; Ph.D., University of Massachusetts, 1967.
- SHAWVER, BENJAMIN T. 1946
Professor of Education. B.S., Parsons College, 1932; M.A., Columbia University, 1950; Ed.D., *ibid.*, 1952.
- SHERMAN, JOHN R. 1969
Assistant Professor of Speech. B.A., Hunter College, 1965; M.A., Southern Illinois University, 1966, Ph.D., *ibid.*, 1969.
- SHOEMAKER, HOMER L. 1961
Lecturer in Accounting. B.S., University of Denver, 1950; M.B.A., *ibid.*, 1965; Certified Public Accountant, 1961.
- SKOV, CHARLES E. 1963
Associate Professor of Physics. A.B., Kearney State Teachers College, 1954; Ph.D., University of Nebraska, 1963.
- SPEEL, CHARLES J., II 1951
John Young Professor of Bible and Religion. A.B., Brown University, 1939; S.T.B., Harvard University, 1949; S.T.M., *ibid.*, 1950; Ph.D., *ibid.*, 1956.
- SPROSTON, MICHAEL E. 1969
Instructor of Music. A.B., Monmouth College, 1964; M.A., University of Iowa, 1966.
- SPITZ, DOUGLAS R. 1957
Assistant Professor of History. A.B., Swarthmore College, 1949; M.A., University of Nebraska, 1955; Ph.D., *ibid.*, 1964.
- THOMPSON, SAMUEL M. 1926
Alumni Professor of Philosophy. A.B., Monmouth College, 1924; A.M., Princeton University, 1925; Ph.D., *ibid.*, 1931.
- THONNERIEUX, MARGARET C. 1969
Instructor of French. B.A., Grenoble University, 1962; M.A., University of Lyon, 1966.
- TSLEOS, GEORGE D. 1969
Assistant Professor of History. B.A., Carleton College, 1961; M.A., University of Minnesota, 1965; Ph.D., *ibid.*, 1970.
- URBAN, WILLIAM L. 1966
Assistant Professor of History. B.A., University of Texas, 1961; M.A., *ibid.*, 1963; Ph.D., *ibid.*, 1967.
- VANOUS, ROGER A. 1970
Instructor of Economics. B.A., Wisconsin State University, 1964.
- WALTERSHAUSEN, GEORGE L. 1966
Instructor of Art. A.B., Knox College, 1961; M.A., University of California, Berkeley, 1963.

- WASEM, JAMES L. 1967
Assistant Professor of Physical Education. B.S., Illinois Wesleyan University, 1957; M.S., Illinois State University, 1963.
- WEEKS, J. STAFFORD 1959
Professor of Bible and Religion. A.B., Juniata College, 1942; B.D., United Theological Seminary, 1945; Ph.D., University of Chicago, 1962.
- WILLHARDT, GARY D. 1967
Associate Professor of English. A.B., Monmouth College, 1960; M.A., Ohio University, 1962; Ph.D., Ohio State University, 1967.
- WILLIAMS, LYMAN O. 1963, 1969
Associate Professor of Geology. B.S., University of Georgia, 1955; M.S., State University of Iowa, 1959; Ph.D., *ibid.*, 1962.
- WILLS, DONALD L. 1951
Associate Professor of Geology. B.S., University of Illinois, 1949; M.S., *ibid.*, 1951.
- WINGO, CHARLES E. 1958
Professor of Education. A.B., Furman University, 1924; M.A., Cornell University, 1937.
- WOLL, ROBERT G. 1935
Associate Professor of Physical Education. B.S., Monmouth College, 1935; M.S., University of Illinois, 1941.
- WOODWARD, KAREN M. 1969
Instructor of French. B.S., University of Nebraska, 1965; M.A., University of Wisconsin, 1967.
- WRIGHT, A. DEAN 1970
Assistant Professor of Psychology. B.A., Fort Hays Kansas State College, 1959; M.S., *ibid.*, 1959; Ph.D., Texas Christian University, 1969.
- YAREMKO, MICHAEL 1970
Lecturer in German. Ph.D., University of Vienna, 1944. (part-time)

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Monmouth Savings and Loan Assn.
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INDEX

- Academic Buildings 17
- Academics 17
 - Academic Probation* 108
 - Curricula, suggested* 32
 - Graduation Requirements* 22
 - Regulations* 106
- Accreditation 7
- Activities, Student 8
- Administrative Personnel 151
- Advanced Placement 124
- Advance Tuition Deposits 128
- Adviser, Faculty 15
- Alumni Association 153
- Admission 121
 - Application Procedure* 123
 - Campus Visits* 122
 - College Board Tests* 123
 - Committee Action* 123
 - Financial Aid* 129
 - Honors-at-Entrance* 124
 - Requirements* 122
 - Transfer Applicants* 123
- Application Fee 128
- ARABIC STUDIES 24
- ART 43
- ARGONNE SEMESTER 24
- Associated College of the Midwest (ACM) 7
- Athletics 11
- Athletic Facilities 18
- Attendance, Class 106
- Auditing Courses 127

- Bachelor of Arts Degree 22
- BIBLE AND RELIGION 46
- BIOLOGY 48 (See also Central American Field Studies, 24. Wilderness Field Station, 29. Ecological Field Station, 18.)
- Boone Oriental Art Collection 45

- Calendar 162
- Campus 15
 - Academic Buildings* 17
 - Athletic Facilities* 18
 - Library* 17
 - Quinby House* 19
 - Residence Halls, Student* 18
 - Student Center* 19
- Campus Visits 122
- Career Preparation 29
- Carnegie Hall 17
- CENTRAL AMERICAN FIELD STUDIES 24
- Certificate for Teaching 31
- CHEMISTRY 51 (See also Argonne Semester, 24.)
- Choir 89
- Class Attendance 106
- Classification of Students 108
- CLASSICAL LANGUAGES 54
- College Entrance Examination Boards 122, 123
- Comprehensive Examinations 23
- Concentration, Field of 23
- Contents, Table of 2
- Costs 126
- Counseling 15
- COURSES OF INSTRUCTION 43
 - Art* 43
 - Bible and Religion* 46
 - Biology* 48
 - Chemistry* 51
 - Classical Languages* 54
 - East Asian Studies* 56
 - Economics* 58
 - Education* 61
 - English* 64
 - Geology* 67
 - Government* 71
 - History* 73
 - Mathematics* 78
 - Modern Foreign Languages* 80
 - Music* 86
 - Philosophy* 90
 - Physical Education* 92
 - Physics* 95
 - Psychology* 97
 - Sociology* 99
 - Speech* 102
- Credit by Examination 109
- Credits, High School 122
- Cumulative Grade-Point Average 106
- Curriculum, Organization of 32
- CUTTINGTON COLLEGE PROGRAM 24

- Deferred Payment 132
- Degrees 108
- Departmental Major 23
- Deposits, Advance 128
- Directories 141
- Distribution Requirements 22
- Divisional Major 23

- Early Decision 124
- EAST ASIAN STUDIES 56
- EAST ASIAN STUDIES IN JAPAN 57
- Ecological Field Station 18
- ECONOMICS AND BUSINESS ADMINISTRATION 58
- EDUCATION 61 (See also Urban Education Program, 63.)
- Educational Opportunity Grants (EOG) 132
- ELEMENTARY EDUCATION 61
- Employment, Student 134
- Endowed Professorships 138
- Endowed Scholarships 134

ENGLISH 64
ENGINEERING 79
Engineering Binary Program (See Pre-professional program) 29
Entrance Requirements 122
Examinations 127
 Advanced Placement 124
 Credit by 109
 Scholastic Aptitude 123
 Senior Comprehensive 23
 Special 127
Expenses 126
EXPERIMENT IN INTERNATIONAL LIVING 26

Faculty 144
Faculty Advisers 15
Fees 128
 Advance Payments 128
 Late Payments 128
 Miscellaneous 128
 Payment of 128
 Refund of 129
 Room and Board 126
 Transcript of Credits 128
 Tuition and Fees 126
Financial Aid 129
FOREIGN LANGUAGES, MODERN 80
Fraternities 13
FRENCH 81
FRESHMAN HONORS PROGRAM 26
Freshman Orientation 15
Freshman Students 124

General Information 7
GEOLOGY 67
GEOLOGY IN THE ROCKY MOUNTAINS 27
GERMAN 82
GOVERNMENT 71 (See also Washington Semester, 28. Washington House, 28.)
Grading System 107
Graduation Requirements 22
Grants-in-Aid 129
GREEK 55
Guaranteed Loans 132
Gymnasium 18

Health Service 15
HIGH SCHOOL SENIORS' HONORS PROGRAM 124
HISTORY 73
History, College 7
Honors-at-Entrance 124
Honors-at-Graduation 109
Housing, Student 18

Illinois State Scholarships 131
INDIA STUDIES PROGRAM 27
Individual Study 23
Installment Payment Plans 128
Insurance, Health 15
Intramural Sports 11
Intercollegiate Athletics 11

JAPANESE 83
Jamieson Center 10
Junior Year Abroad 27

LATIN 54
Library 17
Library Endowments 13
Linen Service 127
Loans, Student 132

MATHEMATICS 78
Meal Rates 12
Memorial Funds 139
Men's Residences 18
Midwest Athletic Conference 11
MILITARY SCIENCE
 See R.O.T.C. Reserve Officers Training Corps, 27.)
MODERN FOREIGN LANGUAGES 80
Monmouth College Planning Council 8
Monmouth College Senate 142
Monthly Payment Plans 128
MUSIC 86
Music, Applied 86
Musical Organizations 89

National Defense Education Act
 Loans 132
NEWBERRY LIBRARY SEMINAR 27

Oracle, The 8, 153
Organizations, Honorary 13
Organizations, Student 11
Orientation, Freshman 15

Parent Association 154
Parent Orientation 15
Part-time Students 127
Payment Plans 128
PHILOSOPHY 90
PHYSICAL EDUCATION 92
Physical Education Facilities 18
PHYSICS 95
Piper, The 8, 153
Placement, Advanced 127

POLITICAL SCIENCE 71 (see

Government)

Presidents of the College 7

Pre-Professional Programs 29

Communications 29

Dentistry 29

Engineering 29

Law 30

Library Science 30

Medicine 30

Medical Technology 30

Ministry & Christian Education 30

Teaching 31

Prizes and Awards 137

Probation, Academic 108

Professors Emeriti 144

PSYCHOLOGY 97

Publications, Student 153

Ravelings, The 8, 153

Refunds 129

Registration 106

Regulations, Academic 106

Religious Life 11

Requirements for Graduation 26

Residence Halls 18

Room and Board 127

R.O.T.C. 27

RUSSIAN 85

S/U—Satisfactory/Unsatisfactory Grading
System 107

Scholarships 134

Scholastic Aptitude Test 123

Scots Guide 8

SECONDARY EDUCATION 61

Seminars and Individual Study 23

Senate, Monmouth College 142

Single Application Method (SAM) 123

Social Regulations 8

SOCIOLOGY 99

Sororities 13

SPANISH 84

Special Students 127

Special Study Programs 24

Arabic Studies 24

Argonne Semester 24

Central American Field Studies 24

Cuttington College Program 24

East Asian Studies Program 26

East Asian Studies in Japan 26

*Engineering Three-Two Cooperative Pro-
gram* 26

Experiment in International Living 26

Freshman Honors Program 26

Geology in the Rocky Mountains 27

High School Seniors' Honors Program 27

India Studies Program 27

Junior Year Abroad 27

Newberry Library Seminar 27

*R.O.T.C. (Reserve Officers Training
Corps)* 27

Urban Studies Program 28

Urban Teaching Semester 28

Washington House 28

Washington Semester 28

Wilderness Field Station 29

*Young Presidents Organization Summer
Internship* 29

SPEECH 102

Sports Program 11

Student Association 152

Student Center Board 152

Student Communications Board 152

Student Judicial Board 132

Student Life 8

Activities 11

Religious Life 11

Sports Program 11

Student Services 15

Student Life Committee 8

Student Services 15

Studio Art Courses 45

Suggested Curricula 32

Table of Contents 2

Teacher Preparation 35, 61

Teaching Certificates 62

Theater 102

Three-Three Program 8, 22

Three-Term, Three-Course Curriculum 8,
22

Topical Major 23

Transcript of Credits 128

Transfer Students, Admission of 123

Tuition 126

United Presbyterian Church, U.S.A. 11

United Student Aid Loans 133

Urban Studies Program 28

Urban Teaching Semester 28

Veterans Benefits 133

Vocational Counseling 115

Warren Achievement School 10

WASHINGTON HOUSE 28

WASHINGTON SEMESTER 28

Women's Residences 18

WILDERNESS FIELD STATION 29

YOUNG PRESIDENTS ORGANIZATION

SUMMER INTERNSHIP - 29



FIRST TERM, 1970

| | | |
|-----------------|-------------------|----------------------------|
| September 19 | Saturday | Orientation begins |
| September 22 | Tuesday | Orientation ends |
| September 22-23 | Tuesday-Wednesday | Registration |
| September 23 | Wednesday | First term classes begin |
| November 25 | Wednesday noon | Thanksgiving Recess begins |
| November 30 | Monday | Classes resume |
| December 7 | Monday | Last day of classes |
| December 8 | Tuesday | Exams begin |
| December 11 | Friday | Exams end |

SECOND TERM, 1971

| | | |
|-----------|----------|---------------------------|
| January 4 | Monday | Second term classes begin |
| March 12 | Friday | Last day of classes |
| March 15 | Monday | Exams begin |
| March 18 | Thursday | Exams end |

THIRD TERM, 1971

| | | |
|----------|-----------|--------------------------|
| March 29 | Monday | Third term classes begin |
| April 7 | Wednesday | Honors Convocation |
| June 4 | Friday | Last day of classes |
| June 7 | Monday | Exams begin |
| June 10 | Thursday | Exams end |
| June 13 | Sunday | Commencement |

MONMOUTH . . . at a glance

| | |
|-------------------|--|
| Location: | Monmouth, Ill. (180 miles west of Chicago) |
| Founded: | 1853 |
| Enrollment: | 1,300 |
| Affiliation: | Associated Colleges of the Midwest United Presbyterian Church, U.S.A. |
| Accreditation: | North Central Association of Colleges and Secondary Schools American Chemical Society American Association of University Women Association of American Colleges and Universities |
| Characteristics: | Liberal Arts Co-educational Private Residential |
| Fraternities: | Alpha Tau Omega; Sigma Alpha Epsilon; Sigma Phi Epsilon; Tau Kappa Epsilon; Theta Chi; Zeta Beta Tau |
| Sororities: | Alpha Xi Delta; Kappa Delta; Kappa Kappa Gamma; Pi Beta Phi |
| Honor Societies: | Sigma Omicron Mu; Alpha Lambda Delta; Phi Eta Mu; Tau Pi; Beta Beta Beta; Eta Sigma Phi; National Collegiate Players, Phi Alpha Theta; Phi Alpha Nu; Pi Kappa Delta; Sigma Delta Pi; Sigma Tau Delta; Pi Gamma Mu; Blue Key; Tomahawk |
| Special Programs: | Arabic Studies; Argonne Semester; Central American Field Studies; Cuttington College; East Asian Studies; East Asian Studies in Japan; Three-two Cooperative Engineering; Experiment in International Living; Freshman Honors Program; Geology in the Rocky Mountains; High School Seniors' Honor Program; India Studies Program; Junior Year Abroad; Newberry Humanities Seminar; Reserve Officers Training; Urban Studies Program; Urban Teaching Semester; Washington Semester; Washington House; Wilder- ness Field Station |
| Athletics: | Midwest Athletic Conference Varsity Competition: football, cross country, basketball, swimming, wrestling, baseball, track, golf and tennis |





1. Wallace Hall
2. McMichael Hall
3. Austin Music Hall
4. McMichael Residence Hall
5. Student Center
6. Library
7. Grier Residence Hall
8. Winbiger Residence Hall
9. Cleland Residence Hall
10. Liedman Residence Hall
11. Art Center
12. Fraternity Complex
 - Sigma Alpha Epsilon
 - Sigma Phi Epsilon
 - Tau Kappa Epsilon
13. Carnegie Hall
14. Gymnasium
15. Science Center
16. Graham Residence Hall
17. Alpha Tau Omega
18. Fulton Residence Hall
19. Health Center
20. Gibson Residence Hall
21. Little Theater
22. Auditorium
23. Woodbine
24. Cameron Cultural Center
25. Marshall Hall
26. Administration Annex
27. Administration Building
28. Theta Chi
29. Zeta Beta Tau





MONMOUTH COLLEGE

MONMOUTH, ILLINOIS 61462